



# BA-LRC1

Learning Remote Control User's Guide

### BA-LRC1 User's Guide

#### Introduction

The LRC1 universal learning remote control is the easy all-in-one solution for controlling all of your audio source equipment. The LRC1, with over 1,000 built-in manufacturer's Infrared codes, can be easily setup for two additional audio components.

This setup guide is designed to allow you quick control of your entire BreatheAudio System.

### Installing Batteries

Your BA-LRC1 remote requires 2 AAA batteries (included).

#### Battery Use And Safety

- Use only fresh batteries of the required size and recommended type.
- Do not mix old and new batteries, different types of batteries (standard, alkaline, or rechargeable), or rechargeable batteries of different capacities.
  - ancoune, or reconargeacue), or reconargeacue contentes or one refin capacities.

    If you do not plan to use the remote for an extended period, remove the
    battery, It can leak chemicals that can destroy electronic parts.

    WARNING: Dispose of old batteries promptly and properly. Do not burn or bury

them.

- To Install Batteries
- Open the battery compartment cover (located on the back of the remote).
   Place the AAA battery in the compartment and match the + and polarity symbols inside.
- 3. Replace the cover.

NOTE: When the BA-LRC1 remote stops operating properly, replace the batteries within 10 minutes (to protect the programming information).

A Quick Look At The Controls	
Press this key	To
⊕ B	The Source buttons A and B correspond to the source inputs on the BreatheAudio System or preferred devices.
(4)	Turn the selected device on or off.
Sottap	Program sequences.
CH CH	Select the next or previous channel. Select next or previous chapter on some models of DVD players.
LAST	Press LAST to recall the last- viewed channel.
A VOI	Raise or lower the sound level.
MUTE	Press MUTE to turn the sound off or on.
	Move the cursor in the menu screens. Press SELECT to choose the highlighted menu Option.
(4) (b) (b) (d) (d) (d) (d) (d) (d) (d) (d) (d) (d	Skip backward, rewind, fast forward, skip forward, stop, pause, or play tracks on the current disc.
(NFD)	View the current channel and program information.
MENI	Display the menu for the selected device.
(DOT)	Exit the selected device's menu, guide, or program without making a menu selection.
GUIDS	Display the program guide for the selected device.

Press this key	То
NPUT	Switch the device input to view TV or video programs.
1 2 3 4 5 6 7 8 9 0 (MIR)	Directly enter channels (For example, O9 or 31). Press ENTER to send channel number entries on some TV models.
(M) (M2) (M3) (M4) (M5) (M6) (M7) (M8)	Macro device keys can be used to dedicate multiple string macro commands.
Whole-Hame Control	Whole–Home Control is dedicated control of your BreatheAudio System. MUTE, VOL+, VOL+, ON/OFF duplicate the BreatheAudio zone keypad functions.
Programming a Device	
To control devices, A and B, follo	w these steps.
"Manufacturer's Codes" in the for highlight them.  NOTE: Any device may be set up  1. Turn on the device (for example a cD).  2. Press a device key (Aor B).  3. Press and hold SETUP until th  4. Enter the first five-digit code! as each digit is entered. If the c NOTE: If the LED does not blink the entering the code again.  5. Aim the remote at the device a turn off. If if does not, repeal st	ered LED blinks twice, then release. for your device. The red LED blinks once odde is correct, the LED blinks twice. wice, repeat steps 2 to 4 and try and press POWER. The device should teps 3 to 5, trying each code for your orks. If you cannot find a code that
6. Repeat steps 1 to 5 for the oth	er devices you want to control. For each working device code below:
SOURCE A Code: Desc	
SOURCE B Code: Desc	
for your brand, or if your brand is 1. Press a device key once.	o the remote after trying all codes listed s not listed, try searching for your code: e red LED blinks twice, then release.

- Enter 991. The LED blinks twice.
   Enter the device group number:

4.	4. Enter the device group number:		
	Code	Device Group	
	0	Cable (Cable Converters, Video Accessories, Satellite Receivers).	
	1	TV (TVs)	
	2	VCR (VCRs, DVD players)	
	3	Audio (Audio Amplifiers, Audio Amp/Tuners, CD players)	

5. Select a test function, such as POWER or PLAY. The remote sends IR codes from its library to the selected device, starting with the most popular code first.

6. If the device responds, go to step 6. If the device does not respond, press CH+. The remote will try the next code. Continue until the device resonnds

## NOTE: Press CH- to try the previous code.

- 7. To set the code, press SETUP once. The LED blinks twice.
- 8. To search for other device codes, repeat steps 1 to 6.

#### Checking The Codes

If you have set up the remote using the procedure in "Searching For Your Code", you may need to find out which five-digit code is operating your equipment.

- For example, to find out which code is assigned to your TV: 1. Press SOURCE A once.
- 2. Press and hold SETUP until the red LED blinks twice, then release.
- 3. Enter 990. The LED blinks twice.
- 4. To view the code for the first digit, press numeric key 1. Count the LED blinks (for example, three blinks = 3), and write down the number in the appropriate code listing in step 8 under "Programming a Device". NOTE: If a code digit is O, the LED does not blink.
- 5. Repeat step 4 for the four remaining digits, using 2 for the second digit, 3 for the third digit, 4 for the fourth digit, and 5 for the fifth digit.
- 6. To check for other device codes, repeat steps 1-5, substituting Sources A or B.

### Changing Volume Lock

The BA-LRC1 comes preset to allow independent volume control of each selected device (Global Volume Unlock). However, you may change the Volu Lock setting to Global Volume Lock so that one source's volume will control volume in all other modes. After that, you can perform Individual Volume Unlock on a selected source to set its volume control for independent operation or Global Volume Unlock to remove all volume locking.

# Locking Volume Control to One Mode (Global Volume Lock)

- Press and hold SETUP until red LED blinks twice, then release.
- 2. Enter 993 and then press the mode key for the source you want to control volume (for example, CD). The LED blinks twice. Now, when you press VOL+, VOL- or Mute, the selected source (for example, CD) will control the volume regardless of the current mode.

- Unlocking All Volume Control (Restoring Global Unlock) Press and hold SETUP until the red LED blinks twice, then release.
- 2. Enter 993 and then press VOL+. The LED blinks four times. Volume is independently controlled for all programmed sources.

# Unlocking a Single Source's Volume Control

- Press a source key (A or B).
  - Press and hold SETUP until the red LED blinks twice, then release.
  - 3. Enter 993 and then press VOL-. The LED blinks four times. Volume is independently controlled for the selected sources.

Programming Macros A macro can be used to control a home theater operation, to set a favorite channel, or for other multiple functions you would like to control with one key press. You can use any key to activate a macro. Moreover, each Macro Key can hold up to 32 key presses total.

You can program a macro that will operate regardless of what mode you are in, or one that will only operate when you are in a specific mode.

NOTE: Programming a new macro over an existing one will erase the original тасго.

- Programming a Mode-Independent Macro Press and hold SETUP until the red LED blinks twice, then release.
- 2. Press 995. The LED blinks twice.
- 3. Press the key you want to use to activate your macro (POWER, any unused key, etc.).
- 4. Enter the series of commands you want the macro to execute (up to 32
- commands). 5. Press and hold SETUP until the red LED blinks twice, then release.

Now, when you press the Macro key, the remote will send the series of commands you have entered, regardless of what mode you are in. For example, you could program the Macro key to turn on both your TV and cable

box and select a particular channel. To clear the macro, repeat steps 1 to 5 above, but do not enter a series of commands at step 4.

#### Programming a Mode-Dependent Macro

- 1. Press a source key (A or B)
- 2. Press and hold SETUP until the red LED blinks twice.
- 3. Press 978. The LED blinks twice.
- 4. Press the key you want to use to activate your macro [POWER, any unused key, etc.).
- Enter the series of commands you want the macro to execute (up to 32 commands).
- 6. Press and hold SETUP until the red LED blinks twice, then release.

Now, when you press the Macro key, the remote will send the series of commands you have entered, but only if you are in the mode you selected in step 1. For example, you could program the Macro key to turn on your tuner and select a particular channel, but only if you are in tuner mode. If you are in DVD mode, this key will do nothing.

### Clearing a Mode-Dependent Macro

- Press and hold SETUP until the red LED blinks twice, then release.
  - 2 Press 978
- 3. Press the source key where you programmed the macro (Source A or B).
  - Press the macro's activation key (POWER, any unused key, etc.).
  - 5. Press and hold SETUP until the red LED blinks twice, then release.

#### Using Learning

The BA-LRC1 includes a Learning feature so you can add functions that are unique to your home entertainment devices (e.g., CD skip forward or backward). However, there are some considerations:

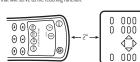
### Learning Precautions

- Your original remote controls must be in working order for learning to work properly.
- Learning keys are mode specific, so each one can store a unique function for each mode.
- Learned keys can be used in macros (See Using Macros).
- Do not use the following keys for learning: Source Keys, SETUP, BACK, REPEAT, FAV SCAN, SLEEP, or Record [●] Key.
- Learning capacity is approximately 16 to 25 keys, depending on the code being learned.
- Certain device codes are not learnable including multi-frequency types, some high frequency ones, and other unusual formats. - For optimum learning: avoid high levels of ambient light such as
- natural sunlight or energy-efficient fluorescent lights NOTE: Please have your original remote controls handy before programming learning.

# Programming a Learned Key

NOTE: If more than 10 seconds pass between key presses, the remote exits programming

- Press and hold SETUP until LED flashes twice.
- 2. Press 975.
- 3. Press a source key once (A or B) to assign a mode for learning.
- 4. Place the BA-LRC1 head-to-head (about 2" apart) from your original remote control. Also locate the key (on your original remote control) that will serve as the teaching function.



- 5. On the BA-LRC1, press a key where the learned function will be stored. 6. On the original remote, press and hold the key to be learned. The LRC1's LED will turn off. Continue holding the key on the original

remote until the LRC1's LED blinks twice NOTE: If the LED displays one long blink, a learning error has occurred. Try repeating this step again until a successful capture occurs. If the function is still not captured, press and hold SETUP to exit programming and review the "Learning Precautions" above. If needed, also see "Troubleshooting". After

review, start programming again at step 1. 7. Repeat steps 2 to 6 for another key or press and hold SETUP to exit programming.

Deleting a Single Learning Key

1. Press and hold SETUP until the LED flashes twice.

NOTE: If more than 10 seconds pass between key presses, the remote exits

- 2. Press SETUP, then 976 to delete a learned function.
- 3. Press a source key once (A or B).
- 4. Press the key containing the learned function to be deleted. The remote blinks twice
- 5. Repeat steps 2 to 4 for another key or press and hold SETUP to exit programming.

#### Deleting All Learned Keys in a Specific Mode

1. Press and hold SETUP until the LED blinks twice.

NOTE: If more than 10 seconds pass between key presses, the remote exits programming

- Press 976.
- 3. Press a source key twice (A or B) to clear all the learned keys for that Mode. The LED blinks twice.
- 4. Repeat step 3 for another key or press and hold SETUP to exit Programming.

# Troubleshooting

PROBLEM: LED does not blink when you press a key.
SOLUTION: Replace battery with one new 3.3 V 2032 Lithium battery.

PROBLEM: LED blinks when you press a key, but device does not respond.

SOLUTION: Make sure the remote is aimed at your device and is not more than 15 feet away

PROBLEM: LED blinks one long blink.

SOLUTION: An entry error has occurred (for example, wrong key). Try entry sequence again.

PROBLEM: Remote does not control sources or commands are not working properly.

SOLUTION: Try all listed codes for the device. Make sure the device operates

with an infrared remote control. PROBLEM: CH+,CH-, and LAST do not work for your RCA TV. SOLUTION: Due to RCA design from 1983 to 1987, only the original remote

control will operate these functions.

PROBLEM: No volume on a source. SOLUTION: See "Changing Volume Lock"

PROBLEM: Channels do not change properly.

SOLUTION: If the original remote control required you to press Enter to change channels, press Enter on this remote after entering the channel number.

# MANUFACTURER'S CODES

# Setup Codes for Audio Amplifiers

Accuphase	30382
Accuphase Acurus	30765
Adrom	31100.30577
Aucum	31100,303//
AudioSource	30011
	31583
Bel Canto Design	30674
Bose Carver	30269
Classe	31461.31462
Curtis Mathes	30300
Denon	30160
Durabrand	31561 30078
GE	
Harman/Kardon	30892
JVC	30331
Kenwood	30356
Korsun	31483
Left Coast	30892
Lenoxx	31561
Linn	30269
Logitech	31408
Luxman	30165
Magnavox	30269
Marantz	30892,30321, 30269
Mark Levinson	31483
Nakamichi	30321
NEC	30264
Optimus	30395, 30300
Panasonic	30521, 30308
Parasound	30246
Philips	30892, 30269
Pioneer	30013, 30300
Polk Audio	30892, 30269
PS Audio	31523
RCA	30300
Realistic	30395
Sansui	30321
Shure	30264
Sany	30689,30220, 30815
Soundesign	30078, 30211
Technics	30521, 30308
Victor	30331
Wards	30078, 30211, 30013
Yamaha	30354, 30143, 30133, 30504
YBA	31502

### Setup Codes for Audio Amp/Tuners

ADC	30531
Adcom	31616, 30616, 31617
Aiwa	31405, 30158, 30189, 31243, 31089, 3138
	30121, 30405, 31321, 31641, 31347
Akai	30224, 30076, 31512, 31255
Alco	31390
Amphion Media Works	31615, 31563
AMW	31563, 31615
Anam	31609, 31074, 30281
Apex Digital	31430, 31257
Arcam	31120
Audiophase	31387
Audiotronic	31189
Audiovox	31390, 31627
AVLight	30158
Bel Canto Design	31584
Base	31229, 31253, 30639
Brix	31602
Cambridge Soundworks	31477, 31370
Capetronic	30531
Carver	31189, 30189, 30042, 31089, 30008, 3036
Casio	30195
Clarinette	30195
Classic	31352
Coby	31513, 31389, 31263
Compag	31136
Criterian	31420
Curtis	31596
Curtis Mathes	30080
Daewoo	31250
Dell	31383
Denon	31360, 30004, 31104, 30771, 31311, 30273
	31142, 30301
Dynamic Bass	30360
Emerson	30424, 30255
Fisher	31409, 30360, 30219, 31801, 30042
Fonmix	31360
Fosgate	31487
Garrard	30424, 30281, 30463, 30146, 30440
Gateway	31517, 31567

GE Clary Horse	31379 31263
Glory Horse	
Go Video	31532
Goldstar GPX	30281 31299
Hafler	30146
Harman/Kardon	30110, 30189, 30891
Hewlett Packard	31181
Hitachi	31801, 31273
Initial	31426
Inkel	30027, 30062, 30502, 30491
Integra	30135. 31298
JBL	30110, 31306, 30281
JVC	30074, 31282, 31263, 31495, 31374
Kansai	30440
Kenwood	31313, 31570, 31569, 30027, 31051, 3007
	30313, 31027, 30042, 30239, 30569, 3105
	30186, 30314
KLH	31412, 31390, 31428
Koss	30424, 30255, 31366
Lasonic	31798, 31510
Lenoxx	31437
Lexicon	31076
Linn	30189
Liquid Video	31497
Lloyd's	30195
LXI	30181
Magnavox	31189, 31269, 30189, 30128, 30391, 3019
	31089, 31514, 30531
Marantz	31189, 31269, 30039, 30189, 31089, 3128
	30200, 30128 30039, 30346
MCS	30039, 30346
Memorex	31596
Mitsubishi	31393
Modulaire	30195
Musicmagic	31089
NAD	30320
Nakamichi	30347, 30097, 31555
NEC	30235
Norcent	31389
NuVa	32000, 32001
Onkyo	30135, 31298, 30842, 30380, 31531
Optimus	31023, 30801, 31074, 30080, 30186, 305
	30797, 30042, 30181, 30440, 30738, 308-
	30177, 30219, 30670
Oritron	31497, 31366
Panasonic	31518, 30039, 31548, 31764, 30518, 3135
	31763, 30367, 31316, 31509, 31633, 3030
	31288, 31363
Penney	30195
Philco	31390
Philips	31189, 31269, 30189, 31365, 31089, 3126
_	31283, 30891, 31368, 30391, 31120, 3126
Pioneer	31023, 30150, 30630, 31184, 30080, 305
	31084, 31384, 30244,31343
	31508
Polk Audio	30189, 31289
Polk Audio Proscan	30189, 31289 31254
Polk Audio Proscan Qisheng	30189, 31289 31254 31609, 31390
Polk Audio Proscan Qisheng Quasar	30189, 31289 31254 31609, 31390 30039
Polk Audio Proscan Oisheng Quasar RadioShack	30189, 31289 31254 31609, 31390 30039 31263
Polk Audio Proscan Qisheng Quasar	30189, 31289 31254 31609, 31390 30039 31263 31023, 31609, 31254, 30346, 30531, 3115
Polk Audio Proscan Oisheng Quasar RadioShack	30189, 31289 31254 31609, 31390 30039 31263 31023, 31609, 31254, 30346, 30531, 3115 31511, 30080, 30530, 31074, 31390, 3008
RadioShack RCA	30199, 31289 31254 31609, 31390 30039 31263 31023, 31609, 31254, 30346, 30531, 3115 31511, 30080, 30530, 31074, 31390, 3005 30360
Polk Audio Proscan Oisheng Ouasar RadioShack RCA Realistic	30189, 31289 3159, 31390 30039 31263 31023, 31609, 31254, 30346, 30531, 3115 31511, 30080, 30530, 31074, 31390, 3005 30360 30195, 30181, 30163
Polk Audio Proscan Oisheng Oussar RadioShack RCA  Realistic Regent	30199, 31289 31254 31609, 31390 30039 31263 31023, 31609, 31254, 30346, 30531, 3115 31511, 30080, 30530, 31074, 31390, 3005 30380 30195, 30181, 30163
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Polk Audio Proscan Oisheng Oussar RadioShack RCA  Realistic Regent	30189, 31289 31254 31609, 31390 30039 31263 31023, 31609, 31254, 30346, 30531, 3115 31511, 30080, 30530, 31074, 31390, 3005 30380 30195, 30181, 30163 31437 31869, 31383 31519
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Polk Audio Prinscan  Disheng  Duasar  Duasar  Realistic  Regent  Rio  Saba  Samsung  Sarsui  Saryo  Scott  Sharp Image  Sherwood  Shinco  Shinsonic	30189, 31289 31254 31609, 31390 30039 31263 31023, 31609, 31254, 30346, 30531, 3115 31013, 30080, 30530, 31074, 31390, 3005 30195, 30181, 30163 31437 31869, 31383 31519 31500, 31295 30169, 303466, 30193, 31069 30601, 30360, 31469, 30279, 31251 30163, 30322 31268, 303166, 31368, 31361 31545, 31556, 30797, 31409, 31416, 3154 31365, 3141, 31546, 31723, 31263, 3141 31494, 31423, 30062, 31077, 3052, 3184
Polk Audio Proscan  Oisheng  Ousser  RadioStack  RCA  Realistic  Regent  Rin  Sanba  Sansung  Sarsui  Sarsui  Saryu  Sharper Image  Sherwood  Shinco	30189, 31289 31254 31609, 31390 30039 31263 31023, 31609, 31254, 30346, 30531, 3115 31511, 30080, 30530, 31074, 31390, 3005 30380 30380 30383 31437 31869, 31383 31519 31500, 31295 30189, 30346, 30393, 31089 30801, 30380, 31469, 30219, 31251 30383, 30382 31286, 30186, 31386, 31381 31545, 31586, 31386, 31381 31545, 31586, 31397, 31409, 31416, 3154, 31386, 31411, 31546, 31543, 31385, 31411, 31543, 31385, 31411, 31543, 31052, 31077, 30502, 3163
Polk Audio Prinscan  Disheng  Duasar  Duasar  Realistic  Regent  Rio  Saba  Samsung  Sarsui  Saryo  Scott  Sharp Image  Sherwood  Shinco  Shinsonic	30189, 31289 31254 31609, 31390 30039 31023 31023, 31609, 31254, 30346, 30531, 3115 31511, 30080, 30530, 31074, 31390, 3005 30185, 30181, 30163 31437 31869, 31383 31519 31500, 31295 30180, 31395, 30193, 31089 30801, 30360, 31463, 30219, 31251 30163, 30322 31266, 30186, 31386, 31361 31545, 31556, 30797, 31409, 31416, 3154 3185, 31541, 31546, 31073, 31089 3189, 31411, 31546, 31573, 3163, 31385, 3141, 31546, 3155, 31085, 31385, 31385, 3141, 31546, 3155, 31085, 31385, 31385, 3141, 31546, 3154, 31085, 31085, 31385, 31385, 3141, 31546, 3154, 31085, 31085, 31385, 3141, 31442, 30062, 31077, 30502, 3165, 31385, 31385, 31385, 31385, 31425, 31085, 31087, 30502, 3165, 31385, 31425, 31085, 31087, 30502, 3165, 31385, 31385, 31425, 31085, 31087, 30502, 3165, 31385, 31385, 31385, 31425, 31685, 31385, 31425, 31685, 31385, 31425, 31685, 31425, 31685, 31685, 31385, 31425, 31685, 31425, 31425, 31685, 31425, 31685, 31425, 31685, 31425, 31425, 31685, 31425, 31685, 31425, 31685, 3142
Polk Audio Proscan  Oisheng  Ouasar  RadioShack  RCA  Realistic  Regent  Rio  Sahs  Sansung	30189, 31289 31254 31609, 31390 30039 31263 31023, 31609, 31254, 30346, 30531, 3115 31511, 30080, 30530, 31074, 31390, 3008 30385 30385, 30181, 30163 31437 31869, 31383 31519 31500, 31295 30189, 30346, 30193, 31089 30801, 30360, 31366, 31361 31545, 31556, 30797, 31409, 31416, 3154 31385, 31411, 31546, 31723, 31263, 3141 31491, 31423, 30062, 31077, 30502, 3165 31390 31390
Polk Audio Proscan  Disheng  Dussar  Dussar  Realistic  Regent  Rio  Sarbas  Samsung  Sarisul  Saryo  Scott  Sharp    Sharper Image  Sherwood  Shinco  Shissonic  Soonic Stue	30189, 31289 31254 31609, 31390 30039 31263 31023, 31609, 31254, 30346, 30531, 3115 31023, 31609, 31254, 30346, 30531, 3115 3103, 30080, 30530, 31074, 31390, 3005 30195, 30181, 30163 31437 31899, 31383 31519 31500, 31295 30199, 30346, 30193, 31089 30801, 30360, 31469, 30219, 31251 30163, 30322 31266, 30166, 31366, 31351 31545, 31556, 30797, 31409, 31416, 3154 31385, 31411, 31546, 31723, 31265, 3141 31491, 31423, 30062, 31077, 30502, 3165 31390 31425 30176, 31426
Polk Audio Prinscan  Oisheng  Ousser  Realistic  Regent  Rio  Saba  Samsung  Sansui  Saryo  Scott  Sharpe Image  Sherwood  Shirico	30189, 31289 31254 31609, 31390 30039 31263 31023, 31609, 31254, 30346, 30531, 3112 31511, 30080, 30530, 31074, 31390, 3005 30360 30395, 30181, 30163 31437 31869, 31383 31519 31500, 31295 30189, 30346, 30193, 31089 30801, 30380, 31469, 30219, 31251 30189, 30346, 30193, 31089 30801, 30380, 31469, 30219, 31251 31563, 31565, 31565, 30797, 31409, 31416, 3154, 31365, 3141, 31546, 3154, 31365, 3141, 31546, 3154, 31365, 3141, 31546, 3155, 3156, 31575, 3165, 31426 3076, 31426 30281 31383, 31869, 31532 31056, 31426
Polk Audio Proscan  Disheng  Dussar  Dussar  Realistic  Regent  Rio  Sarbas  Samsung  Sarisul  Saryo  Scott  Sharp    Sharper Image  Sherwood  Shinco  Shissonic  Soonic Stue	30189, 31289 31254 31609, 31390 30039 31023 31023, 31609, 31254, 30346, 30531, 3115 31511, 30080, 30530, 31074, 31390, 3005 30185, 30181, 30163 31437 31859, 31383 31519 31500, 31295 30180, 31398, 30393, 31089 30801, 30360, 31463, 30219, 31251 30163, 30322 31266, 30186, 31386, 31361 31545, 31556, 3097, 31409, 31416, 3154 31385, 31411, 31546, 31753, 31628, 31626 3076, 31426 30281 31383, 31869, 31532 31056, 31447, 31569, 31759, 30158, 3144 31383, 31869, 31532 31056, 31476, 31258, 31759, 30158, 3144 31383, 31869, 31532 31056, 31476, 31258, 31759, 30158, 3144
Polk Audio Proscan  Disheng  Dussar  Dussar  Realistic  Regent  Rio  Sarbas  Samsung  Sarisul  Saryo  Scott  Sharp    Sharper Image  Sherwood  Shinco  Shissonic  Soonic Stue	30189, 31289 31254 31609, 31390 30039 31263 31023, 31609, 31254, 30346, 30531, 3115 31511, 30080, 30530, 31074, 31390, 3005 30360 30195, 30181, 30163 31437 31869, 31383 31519 31500, 31295 30189, 30346, 30193, 31089 30601, 30360, 31469, 30279, 31251 30183, 30322 31266, 30186, 31361, 31361 31545, 31556, 30797, 31409, 31416, 3154, 3155, 3156, 3171, 3150, 3171, 3150, 3154, 3155, 3156, 3156, 3157, 3156, 3156, 3156, 3156, 3157, 3156, 3166,
Polk Audio Prinscan  Oisheng  Oussar  Oussar  Realistic  Regent  Rio  Saba  Samsung  Sarsui  Sarsyo  Scott  Sharper Image  Sherwood  Shinsonic  Silsonic  Sonic Blue  Sony	30189, 31289 31254 31609, 31390 30039 31263 31023, 31609, 31254, 30346, 30531, 3115 31511, 30080, 30530, 31074, 31390, 3008 30360 30195, 30181, 30163 31457 31859, 31383 31519 3150, 31295 30183, 30346, 30193, 31089 30801, 30380, 31469, 30219, 31251 30163, 30325, 31363 30163, 30325, 31469, 30219, 31251 30163, 30325, 31469, 30219, 31251 30163, 30325, 31469, 30219, 31478, 31545, 31565, 30183, 31413, 31546, 31365, 31365, 31365, 31365, 31365, 31365, 31365, 31365, 31365, 31586, 31586, 31586, 31586, 31586, 31586, 31586, 31586, 31586, 31586, 31586, 31586, 31586, 31586, 31586, 31586, 31586, 31367, 31406, 31466, 3165, 31586, 31586, 31586, 31367, 31406, 31466, 31658, 31586, 31586, 31367, 31406, 31466, 31568, 31586, 31367, 31382
Polk Audio Prissan  Oisheng  Ouasar  RadioShack  RCA  Realistic  Regent  Rio  Sabta  Samsung  Sarsus	30189, 31289 31254 31608, 31390 30039 31263 31263 31263 31263 31263 31263 31263 31263 31263 31609, 31254, 30346, 30531, 3115 31511, 30080, 30530, 31074, 31390, 3008 30189, 30189, 30183 31539 31693, 31393 31593 31693, 31295 31089, 30362, 31093, 31089 30801, 30360, 31469, 30219, 31251 30163, 30322 31286, 30186, 31386, 31361 31545, 31365, 31379, 31469, 31478, 3154 31385, 31411, 31546, 31723, 31263, 3141 30491, 31423, 30062, 31077, 30502, 3165 31390 31426 30281 31383, 31889, 31525 31058, 31441, 31258, 31759, 3058, 3144 31282, 31758, 31371, 31533, 31063, 31558, 31313, 31389, 31558, 31313, 31349, 31385 31558, 31313, 31349, 31382, 3056
Polk Audio Prinscan  Oisheng  Oussar  Ousheng  Oussar  Realistic  Regent  Rio  Saba  Samsung  Sarsui  Saryo  Scott  Sharpe Image  Sherwood  Shirsonic  Shirsonic  Sidsonic  Sonic Blue  Sony  Soundesign  Stereophonics	30189, 31289 31254 31609, 31390 30039 31263 31023, 31609, 31254, 30346, 30531, 3115 31511, 30080, 30530, 31074, 31390, 3003 30380 30195, 30181, 30163 31437 31859, 31383 31519 31500, 31295 30189, 30346, 30193, 31089 30801, 30380, 31469, 30219, 31251 30183, 30346, 30193, 31089 30801, 30380, 31469, 30219, 31251 30183, 30322 31286, 30186, 31366, 31361 31545, 31556, 30797, 31409, 31416, 3154 31385, 31411, 31546, 31753, 3163, 31426 30176, 31426 30176, 31426 30281 31383, 31869, 31532 31059, 31743, 31503, 31042, 3165, 31558, 31583, 3174, 31503, 31042, 3165 31583, 31583, 31374, 31503, 31042, 3165 31583, 31583, 31374, 31503, 31042, 3165 31583, 31585, 31374, 31503, 31442, 31658, 31758, 31558, 31374, 31303, 31442, 31658, 31574, 31503, 31442, 31658, 31574, 31503, 31442, 31658, 31574, 31503, 31445, 31568, 31574, 31503, 31445, 31568, 31574, 31503, 31445, 31568, 31574, 31503, 31449, 31582, 31658, 31313, 31349, 31382, 316670 31023
Polk Audio Prinscan  Disheng  Duasar  Disheng  Duasar  Realistic  Regent  Realistic  Regent  Rio  Saba  Samsung  Sansung  Sansung	30189, 31289 31254 31609, 31390 30039 31263 31023, 31609, 31254, 30346, 30531, 3115 31511, 30080, 30530, 31074, 31390, 3003 30195, 30181, 30163 31437 31869, 31383 31519 31500, 31295 30801, 30360, 31469, 310219, 31261 30163, 30322 31266, 30322 31266, 30360, 31469, 31476, 3154 31545, 31556, 30797, 31409, 31416, 3154 31381, 31411, 31546, 31723, 31416, 3154 31491, 31425, 30062, 31077, 30502, 3162 31390 31425 30176, 31426 30281 31383, 31869, 31532 31058, 31441, 31548, 31759, 30158, 3144 31529, 31758, 31371, 31503, 31042, 3165 31158, 31658, 31367, 31406, 31459, 3016 3159, 31151, 31367, 31406, 31459, 3016 3159, 31131, 31349, 31382 30671 31023 31313, 30314, 30313, 31052
Polk Audio Prinscan  Oisheng  Ousser  RadioStack  RCA  Realistic  Regent  Rin  Sarba  Sarsus  Saryus  Saryus  Sharper Image  Sharper Image  Shiron  Shironic  Shironic  Sonic  Saryus  Surfire  Tage Kwang	30189, 31289 31254 31609, 31390 30039 31263 31023, 31609, 31254, 30346, 30531, 31123, 31123, 31023, 31074, 31390, 3005 30360 30395, 30181, 30163 31437 31695, 31383 31519 31500, 31295 30189, 30346, 30193, 31089 30601, 30360, 31363, 30219, 31251 30189, 30346, 30193, 31089 30601, 30360, 31386, 30219, 31251 3160, 30362, 31363, 30219, 31251 3163, 30362, 31077, 31603, 31416, 3154, 31545, 31545, 31545, 31545, 31545, 31545, 31545, 31545, 31545, 31545, 31556, 31747, 31502, 3165 31390 31428 3076, 31426 30261 31383, 31689, 31532 31058, 3174, 31503, 31042, 3165, 3158, 31759, 31759, 31758, 31741, 31503, 31042, 3165, 3158, 31371, 31503, 31042, 3158, 31371, 31503, 31042, 31558, 31313, 31349, 31382, 30571 3023 31313, 30314, 30313, 31052 30440
Polk Audio Prinscan  Disheng  Duasar  Disheng  Duasar  Realistic  Regent  Realistic  Regent  Rio  Saba  Samsung  Sarsui  Sarsuj  Sarsui  Sarsui  Sarsui  Sarsui  Sarsui  Sarsui  Sharp  Sharper Image  Sherwood  Shincu  Shisnoii  Sonic  Sonic Blue  Sony  Soundesign  Stereophonics  Sunfire  Tae Kwang	30189, 31289 31254 31609, 31390 30039 31263 31023, 31609, 31254, 30346, 30531, 3115 31511, 30080, 30530, 31074, 31390, 3005 30360 30195, 30181, 30163 31437 31659, 31983 31519 31500, 31295 31680, 31393, 31099 30801, 30380, 31469, 30219, 31251 30163, 30322 31266, 30362, 31093, 31091 31545, 31556, 30797, 31409, 31416, 3154 3186, 3141, 31546, 31062, 31077, 30502, 3165 31380, 3141, 31546, 31523, 3163, 31426 30261 31383, 31689, 31532 31058, 31441, 31258, 31759, 30158, 31444, 31258, 31759, 31758, 31441, 31558, 31759, 31758, 31441, 31528, 31759, 31758, 31441, 31258, 31759, 31758, 31441, 31258, 31759, 31758, 31441, 31258, 31759, 31758, 31441, 31258, 31759, 31758, 31441, 31258, 31759, 31758, 31441, 31258, 31759, 31758, 31441, 31258, 31759, 31758, 31131, 31349, 31382 30670 31023 31313, 30314, 30313, 31052 30440 30163, 31567, 31074, 31528, 30463, 3139
Polk Audio Prinscan  Oisheng  Ousser  RadioStack  RCA  Realistic  Regent  Rin  Sarba  Sarsus  Saryus  Saryus  Saryus  Sharper Image  Sharper Image  Shiron  Shironic  Shironic  Sonic  Saryus  Sunfire  Tage Kwang	30189, 31289 31254 31609, 31390 30039 31023 31023, 31609, 31254, 30346, 30531, 3115 31511, 30080, 30530, 31074, 31390, 3005 30195, 30181, 30163 31437 31869, 31383 31519 31500, 31295 30180, 30326 30189, 30346, 30193, 31089 30801, 30380, 31469, 310219, 31251 30163, 30322 31266, 30186, 31386, 31361 31545, 31556, 30079, 31409, 31416, 3154 31383, 31411, 31546, 31723, 31263, 3141 30491, 31423, 30062, 31077, 30502, 3162 31383, 31869, 31532 31058, 31441, 31558, 31579, 30158, 3144 31281 31383, 31869, 31532 31058, 31441, 31558, 31759, 30158, 3144 31529, 31758, 31371, 31500, 31402, 3156 31158, 31659, 31367, 31406, 31458, 3016 31583, 31689, 31367, 31406, 31458, 3016 31583, 31367, 31406, 31458, 3016 3153, 3131, 31349, 31382 30671 31023 31313, 30314, 30313, 31052

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Venturer	31390, 30849
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ABC	00003, 00008, 00014, 00001, 00007, 000
	00011, 00017
Allegro	00315, 00153
Americast	00899
Antronix	00207, 00022
Archer	00797, 00207, 00153, 00022
Belcor	00056
Bell & Howell	00014
Bell South	00899
Cable Star	00056
Cabletenna	00022
Cableview	00022
Century	00153
Citizen	00315, 00153
Clearmaster	00883
ClearMax	00883
Colour Voice	00025, 00031
Comtronics	00023, 00031
Contec	00019
Coolmax	00883
Daeryung	01877, 00877, 00477, 00008 00637
Digi	
Director	00476
Dumont	00637
Eastern	00002
Emerson	00797
Everquest	00040, 00015
Focus	00400
Funai	00019
Garrard	00153
GC Electronics	00207, 00056
Gehua	00476
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General Instrument	00476, 00810, 00276, 00003, 00014, 0001
OCHEI di IIISII UITICIII	00476, 000 10, 00276, 00003, 000 14, 000 1
Global	01327
GMI .	00015, 00797
GoldStar	00144, 00040 00797
Goodmind	
Hamlin	00009, 00273, 00034, 00020, 00259
Hitachi	00014, 00011
Hytex	00007
Jasco	00015, 00315, 00153
Jebsee	00400
Jerrold	00476, 00810, 00276, 00003, 00012, 0001
	00011, 00015
Leon	00015
LG	00144, 00040
Linsay	00440
Magnavox	00027
Memorex	00000
Motorola	00476, 00810, 00276, 01254, 01106, 0137
Movie Time	00156, 00063
MS	00015
MultiVision	00013
Novaplex	00618
NOVOPICA 12M	00063, 00156
NSC	00003, 00 130
Dak	00019, 00007
Optimus	00021
Pace	01877, 00237
Panasonic	00000, 00008, 00107, 00040, 00021
Panther	00637
Paragon	00000
Philips	00317, 00027, 00025, 00153, 00013, 0003
•	01305
Pioneer	01877, 00877, 00144, 00533, 01021
Popular Mechanics	00400
Pulsar	00000
Quasar	00000
RadioShack	00015, 00883, 00797, 00315
RCA	00021
	00021
Realistic	
Recoton	00400
Regal	00279, 00273, 00259, 00020
Regency	00002
Rembrandt	00011
Runco	00000
Samsung	00000, 00144, 00040
Scientific Atlanta	01877, 00877, 00477, 00008, 00017
Seam	00510
Julii	
Signal	00040, 00015

SL Marx	00040
Sony	01006
Sprucer	00021
Starcom	00003, 00014, 00015
Stargate	00015, 00797, 00040
Starquest	00015
Supercable	00276
Supermax	00883
Sylvania	00001
Tandy	00258
Teleview	00040
Texscan	00001
TFC	00310
Timless	00040
Tocom	00012, 00013
Torx	00003
Toshiba	00000
Trans PX	00276, 00153, 00315
Tristar	00883
TS	00003
Tusa	00015
TV86	00063
Unika	00207, 00153, 00022
United Artists	00007
Universal	00153, 00056, 00207, 00022, 00191
V2	00883
Viewmaster	00883
Viewstar	00063, 00027, 00258
Vision	00883
Vartex View	00883
Zenith	00000, 00525, 00899
Zentek	00400

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ADC	30018
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RSR	30245, 30194
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Carver	30157, 30437, 30179
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Emerson	30305, 30164, 30155, 30469
Fisher	30179, 30174, 31325, 30088, 30342
Garrard	30245, 30420, 30393, 30280, 30425
GE	30009
Gemini	30625
Genexxa	30032, 30305, 30164
GoldStar	30417
GPX	31296
Harman/Kardon	30157, 30173, 31202, 30426
Hitachi	30032, 30155
Inkel	30196, 30180, 30437
Integra	30101
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	30036, 30190
KLH	31318
Kodak	30287
Korsun	31484
Koss	31317
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	30179, 30280, 30420, 30468, 30175, 30196
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Vector Research	30194, 30417
Victor	30072
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YBA	30625
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Aiwa	20641, 21912
Alas:	20000 20770 24070 24000

Advent	21016
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Akai	20899, 20770, 21975, 21089
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Axion	21071, 21072
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Enterprise	20591
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Mintek	20839, 20717
Mitsubishi	21521, 20521
Momitsu	21082
NEC	20785
Nesa	20717
Next Base	20826
Niro	22024
Norcent	21003, 20872, 21923, 21107
Onkyo	20503, 20627, 21924, 20792, 21985
Oritron	20651, 21980
Panasonic	20490, 21462, 21907, 21910, 21990, 21362,
	21762, 21909, 21986, 20632, 21490, 21908,
	21925, 22017
Philco	22000
Philips	20503, 20539, 20646, 20885, 20854, 21914
Pioneer	20525, 20571, 20638, 20632, 20631, 21902
Polaroid	21086, 21061, 21998, 21200
Polk Audio	20539
Portland	20770
Prima	21016
Princeton	20674
Proscan	20522
ProVision	20778
Qwestar	20651
RCA	20522, 20571, 20717, 20822, 21193, 21974,
D .	21132, 21965, 21022, 21913
Regent	21938
Rio	20869
Rotel	20623
Rowa	20823
Saba	21977
Sampo	20752, 20698
Samsung	20490, 20573, 20820, 21932, 21075, 20899,
Canaui	21979
Sansui	20695
Sanyo Sharp	20695, 20670, 21967, 20873 20630, 20752
Sharper Image	21995, 21117
Sherwood	21043, 20770, 20633, 21077
Shinco	20717
Shinsonic	2071/ 20533, 20839, 21931
Sigma Designs	20674
Sonic Blue	20869, 21970, 21099
Sony	20533, 21533, 20864, 21033, 21904, 22020,
outly	21903, 21981, 20772, 21934
Sungale	21074
Superscan	20821
SVA	20717, 20860, 21105
Sylvania	20821, 20675
Symphonic	20675
Teac	21984, 20809
Technics	20490
Technosonic	20730
Techwood	20692
	21031
terapin	
Terapin Theta Digital	ZU3/ I
Theta Digital	20571 21996
Theta Digital Tivo	21996
Theta Digital	
Theta Digital Tivo Toshiba	21996 20503, 21154, 22006, 21045, 21996, 20695, 21988
Theta Digital Tivo Toshiba Tredex	21996 20503, 21154, 22006, 21045, 21996, 20695, 21988 20803, 20800, 20799, 20804
Theta Digital Tivo Toshiba Tredex TYT	21996 20503, 21154, 22006, 21045, 21996, 20695, 21988 20803, 20800, 20799, 20804 20705
Theta Digital Tivo Toshiba Tredex	21996 20503, 21154, 22006, 21045, 21996, 20695, 21988 20803, 20800, 20799, 20804

V Inc.	21226, 21064
Vocopro	21027
Xbox	20522
Xwave	21001
Yamaha	20490, 20539, 20545
Zenith	20503, 20591, 21906, 20869, 22002

# Setup Codes for Satellite Receivers

AlphaStar	00772 00216
Chaparral	00216 01109
Crossdigital	
Direct TV	00392, 00566, 00639, 01639, 01142, 0024
	00749, 01749, 00724, 00819, 01856, 01076
	01109, 00099, 01444, 01108, 01392, 01443
	01640, 01442, 01414
Dish Network System	01005, 00775, 01775, 01505, 01170
Dishpro	01005, 00775, 01505, 01775
Echostar	01005, 00775, 01170, 01775, 01505
Expressvu	00775, 01775
Funai	00338
GE	00566
General Instrument	00869
GOI	00775, 01775
Goodmans	01246
Hisense	01535
Hitachi	00819, 01250, 00214, 00491, 00489, 0020
HTS	00775, 01775
Hughes Network Systems	01142, 00749, 01749, 01443, 01442, 0144
I-Lo	01535
JVC	00775, 01170, 00492, 01775
LG	01414, 01226
Magnayox	00724.00722
Matsushita	00340, 00214, 00500
Memorex	00724
Mitsubishi	00749, 00491
Motorola	00869
NEC	00496, 01270
Next Level	00869
Panasonic	00247, 00701, 00214, 00500, 00340
Paysat	00724
Philips	01142, 00749, 01749, 00724, 01076, 00722
т пора	00099, 01442
Proscan	00392.00566
Proton	01535
RadioShack	01333 00869
RCA	00392, 00566, 00855, 00143, 01392
Samsung	01276. 01109. 01108
Sanyo	00493. 01219
Sharp	00494
SKY	00494
Sony Star Choice	00639, 01639, 00294, 01640, 00163 00869
Tivo	01142, 01444, 01443, 01442
Toshiba	00749, 01749, 00790, 00486, 01285
Ultimate TV	01392, 01640
Uniden	00724, 00722
US Digital	01535
USDTV	01535
Victor	00492
Voom	00869
7enith	00856, 01856

#### Setup Codes for TVs

Setup Codes for TVs	
888	10264
A-Mark	10003
Abex	10032
Addison	11150, 10653, 10092
Admiral	10093, 10463
Advent	10761, 10817, 10815, 11933, 10783, 10842
Adventura	10046
Aiko	10092
Aiwa	11914, 11910
Akai	10812, 10702, 10030, 10672, 11903, 10264
Alaron	10179
Albatron	10843, 10700
Ambassador	10177
America Action	10180
Ampro	10751
Anam	10250, 10180, 10003,10700, 10161, 10628
Anam National	10250, 10161, 10055, 10650
Anhua	10051
ADC	10451, 10093, 10180, 10060, 10030, 10178,
	10019, 10185, 11150, 10018, 10052, 10474,
	10003, 10092, 10179
Aolinpike	10264
Apex Digital	10748, 10765, 10767, 11943, 10879
Archer	10003
Audiovox	10451, 10180, 10875, 11952, 10802, 11951,
	10092, 10623, 11937, 10003
Axion	11937

Baihe Baile	10264 10001, 10391
Baohuashi	10264
Baosheng	10817
Beijung	10812, 10391, 10264, 10817, 10001
Belcor	10019
Bell & Howell	10154, 10016
Ben0	11032
Bradford	10180
Brockwood	10019
Braksanic	10236, 10463, 11911, 11938, 10003, 11905
	11935, 11929
Caihong	10817
Cailing	10748
Candle	10030, 10046, 10186, 10056
Carnivale	10030
Carver	10054, 10170
Celebrity	10000
Celera	10765
Changcheng	10051, 10817, 10001, 10391, 10264
Chanfei	10817 10817, 10264
Changfeng	10817
Changhai Changhong	10156, 10765, 10817, 10264, 10783, 10767,
unangnung	10 156, 10/65, 108 1/, 10264, 10/83, 10/6/, 11910
Chengdu	10817
Ching Tai	10003, 10474, 10179, 10092
Chun Yun	10003, 10474, 10173, 10032
Small IIII	10843, 10003, 10101, 10474, 11130, 10032
Chunfeng	10264
Chung Hsin	10180, 10053, 11150, 10036, 10474
Chunsun	10817
Cinema	10672
Citizen	10060, 10030, 10039, 10280, 10056, 1018
	10046, 10092, 11928
Clairtone	10185
Clarion	10180
Colt	11906
Concerto	10056
Conrowa	10156, 10145, 10264
Contec	10180, 10157, 10185
Craig	10180, 10161
Crosley	10054
Crown	10180, 10039
Curtis Mathes	10047, 10054, 10154, 10451, 10093, 10060
	10702, 10030, 10145, 10166, 10466, 11347 10039, 10056, 11147, 10016, 11919
CVC	10039, 10056, 11147, 10016, 11919
CXC	10180
Daewoo	10154, 10451, 10180, 10030, 10178, 11661
	10474, 10003, 10628, 10032, 11150, 10092
	11928, 10627, 10700, 10056, 11909, 10170, 10391, 10623, 10019, 10672, 10039
Dautron	
Daytron Dawn	10019 10391
Dayu	10391
Dayu Dell	10391 11080
Dayu Dell Denon	10391 11080 10145, 10511
Dayu Dell Denon Dumont	10391 11080 10145, 10511 10017, 10019
Dayu Dell Denon Dumont Durabrand	10391 11080 10145, 10511 10017, 10019 10463, 10180, 10178, 10171, 11034, 10003
Dayu Dell Denon Dumont Durabrand Dwin	10391 11080 10145, 10511 10017, 10019 10463, 10180, 10178, 10171, 11034, 10003
Dayu Dell Denon Dumont Durabrand Dwin ECE	10391 11060 10145, 10511 10017, 10019 10463, 10180, 10178, 10171, 11034, 10003 10774, 10720
Dayu Dell Denon Dumont Durabrand Dwin ECE Electroband	10391 11080 10145, 10511 10017, 10019 10463, 10180, 10178, 10171, 11034, 10003 10774, 10720
Dayu Dell Denon Dumont Durabrand Dwin ECE	10391 11080 10145, 10511 10017, 10019 10483, 10180, 10178, 10171, 11034, 10003 10774, 10720 10037
Dayu Dell Denon Dumont Durabrand Dwin ECE Electroband Electrohome	10381 11080 10145, 10511 10017, 10019 10483, 10180, 10178, 10171, 11034, 10003 10774, 10720 10037 10000, 10185 10381 10071, 11861
Dayu Dell Denon Denon Dumont Durabrand Dwin EEE Electroband Electrohome Elektra	10391 11080 10145, 10511 10017, 10019 10463, 10180, 10178, 10171, 11034, 10003 10774, 10720 10037 10000, 10185 10381 10171, 11661 10154, 10236, 10463, 10180, 10178, 10171
Dayu Dell Denon Denon Dumont Durabrand Dwin EEE Electroband Electrohome Elektra	10381 11080 10145, 10511 10017, 10019 10483, 10180, 10178, 10171, 11034, 10003 10774, 10720 10037 10000, 10185 10381 10017, 11661 10154, 10236, 10463, 10180, 10178, 10177 10280, 10623, 10038, 11911, 1294, 10779 10019, 11909, 11929, 10185, 10282, 11905
Dayu Dell Denon Denon Dumont Durabrand Dwin EEE Electroband Electrohome Elektra	10381 10080 10145, 10511 10017, 10019 10453, 107180, 10178, 10171, 11034, 10003 10774, 10720 10037 10000, 10185 10381 10017, 11661 10264, 10236, 10463, 10180, 10178, 10177 10260, 10523, 10038, 11911, 11944, 10179 10019, 11908, 11929, 10185, 10282, 11905
Dayu Dell Denon Dumont Dumont Dumont Dwin EEE Electroband Electrohome Electra Emerson	10381 11080 10145, 10511 10017, 10019 10463, 10180, 10178, 10171, 11034, 10003 10774, 10720 10037 10000, 10185 10381 10017, 11661 10154, 10236, 10463, 10180, 10178, 10177 1260, 10623, 10038, 11911, 11944, 10179 10019, 11909, 11929, 10185, 10282, 11905 10039, 11928, 10177
Dayu  Delt  Delt  Denon  Dumont  Dumont  Duvin  EUE  Electroband  Electrohome  Elektra  Emerson	10381 11080 10145, 10511 10017, 10019 10463, 10180, 10178, 10171, 11034, 10003 10774, 10720 10037 10000, 10185 10381 10017, 11661 10154, 10236, 10463, 10180, 10176, 10171 10280, 10623, 10038, 11911, 11944, 10179 10019, 11903, 11928, 10185, 10282, 11905 10039, 11928, 10177
Dayu Denot D	10381 10100 10145, 10511 10000 10145, 10511 10017, 10019 10145, 10511 10017, 10019 10145, 10171, 11034, 10003 10774, 10774, 10770 10037 10000, 10185 10381 10017, 11661 10154, 10236, 10361, 10163, 10003
Dayu  Del  Del  Denon  Dumont  Dumont  Duvin  EEE  EEE  Electroband  Electrobone  Elektra  Emerson  Envision  Époon	10381 11080 11081, 10171, 11080 11080 10014, 10511 10017, 10019 1048, 10180, 10174, 10171, 11034, 10003 10774, 10720 10037 10000, 10185 10381 10017, 11661 100154, 10236, 10463, 10180, 10778, 10771 10280, 10623, 10038, 11911, 11944, 10779 10019, 11909, 11909, 11929, 10185, 10282, 11905 10039, 11928, 10177 10030, 10813 10833, 10840 10030, 10161, 10003
Dayu Denot Denon D	10381 10100 10145, 10511 10000 10145, 10511 10000 10145, 10511 10017, 10019 10463, 10180, 10178, 10171, 11034, 10003 10774, 10720 10037 10000, 10185 10000, 10185 10001, 10164, 10236, 10463, 10180, 10778, 1079, 10000, 1085, 10852, 10038, 11911, 11944, 10179 10019, 11903, 11929, 10195, 10282, 11905 10039, 11903, 10813, 10810, 10813, 10840 10030, 10161, 10003
Dayu Denon D	10381 11080 11081, 10171, 11080 11080 10145, 10511 10077, 10019 10453, 10180, 10178, 10171, 11034, 10003 10774, 10720 10037 10000, 10185 10381 10077, 11661 10054, 10236, 10180, 10178, 10177, 11681 10054, 10236, 10180, 10178, 10177 10280, 10281, 10
Dayu  Devil  Denon  Dumont  EEE  EEEC Belectroham  Elektra  Emerson  Envision  Epson  Ether  Feliu  Felyur  Felyur  Felyur  Firstar	10381 10190 10145, 10511 10003 10161, 10003 10161, 10003 10161, 10003 10003 10161, 101
Dayu  Devil  Denon  Den	10381 10100 10145, 10511 10100 10145, 10511 101017, 10019 10145, 10511 101017, 10019 10145, 10171, 11034, 10003 10774, 10774, 10770 10037 10000, 10185 10381 10007, 11661 10054, 10236, 10361, 10154, 10236, 10361, 10160, 10178, 10177 10280, 10023, 10034, 11911, 11944, 10179 10039, 11928, 10177 10039, 11928, 10177 10030, 10613 10633, 10640 10030, 10161, 10003 10631 10236 10154, 10159 10236 10154, 10159 10236 10154, 10159 10236 10154, 10159
Dayu Devil Dell Denon Dumont Dumont Dumont Dumont Devin EEEE Electroband Electrohome Elektra Emerson Envision Epson Ether Fellu Felyan Felyan Fester Fristar Fisher Frister Fisher Fisher Fisher Fisher Fisher Fisher Fisher	10381 1009 10145, 10511 10017, 10019 10145, 10511 10017, 10019 10453, 10180, 10178, 10171, 11034, 10003 10774, 10720 10037 10000, 10185 10381 10014, 10286, 10463, 10180, 10778, 10177 10280, 10523, 10038, 11911, 11944, 10179 10019, 11903, 11929, 10185, 10282, 11905 10030, 10813 10833, 10840 10030, 10813 10831, 10840 10030, 10817 10264 10877 10264 10877 10226 10154, 10159
Dayu Devil Denon Denont Dumont Denon Denont	10381 10100 10145, 10511 101017, 10171, 11034, 10003 10174, 10771, 10018 10174, 10171, 11034, 10003 10774, 10774, 10774 10777 10000, 10185 10381 10007, 11661 10052, 10038, 10180, 10174, 10236, 10361, 10180, 10178, 10079, 10080, 10823, 10081, 10177 10030, 10813, 10840, 1077 10030, 10813 10803, 10640, 1067, 1068,
Dayu Denor D	10381 10100 10145, 10511 101017, 10171, 11034, 10003 10174, 10771, 10018 10174, 10171, 11034, 10003 10774, 10774, 10774 10777 10000, 10185 10381 10007, 11661 10052, 10038, 10180, 10174, 10236, 10361, 10180, 10178, 10079, 10080, 10823, 10081, 10177 10030, 10813, 10840, 1077 10030, 10813 10803, 10640, 1067, 1068,
Dayu Devil Denon Demont Dumont Demont Demont Delectromone Elektra Envision Envision Envision Envision Envision Envision Februa F	10381 10017, 10018 10178, 10171, 11034, 10003 10774, 10770, 10019 10007, 10019 10007, 10180, 10178, 10171, 11034, 10003 10774, 10720 10037 10000, 10185 10381 10017, 11068, 10286, 10463, 10180, 10778, 10771 10280, 10523, 10038, 11911, 11944, 10179 10019, 11909, 11929, 10195, 10282, 11905 10039, 11911, 11924, 10179 10030, 10813 10833, 10840 10030, 10161, 10003 10817 10264 10180, 10175, 10264, 11909, 10083, 10186, 100853, 10179, 10089, 10683 10186, 100853, 10179, 10264, 11994, 10179, 10342 10180, 10171, 10264, 11994, 10179, 10342 10180, 10171, 10264, 11994, 10179, 10342 10180, 10171, 10264, 11994, 10179, 10342 10180, 10171, 10264, 11994, 10179, 10342 10180, 10171, 10264, 11994, 10179, 10342 10180, 10171, 10264, 11994, 10179, 10342 10180, 10171, 10264, 11994, 10179, 10342 10180, 10171, 10264, 11994, 10179, 10342 10180, 10171, 10264, 11994, 10179, 10342 10180, 10171, 10364, 11994, 10179, 10342 10180, 10171, 10364, 11994, 10179, 10342 10180, 10171, 10364, 11994, 10179, 10342 10180, 10171, 10364, 11994, 10179, 10342 10180, 10171, 10364, 11994, 10179, 10342 10180, 10171, 10364, 11994, 10179, 10342 10180, 10171, 10364, 11994, 10179, 10342 10180, 10171, 10364, 11994, 10179, 10342 10180, 10171, 10364, 11994, 10179, 10342 10180, 10171, 10364, 11994, 10179, 10342 10180, 10171, 10364, 11994, 10179, 10342 10180, 10171, 10364, 11994, 10179, 10342 10180,
Dayu Devil Denon D	10381 11080 10145, 10511 10017, 10019 10453, 10180, 10178, 10171, 11034, 10003 10774, 10720 10077, 1073 10000, 10185 10381 10381 10077, 11661 10154, 10236, 10463, 10180, 10178, 10177 10280, 10623, 10038, 11911, 11944, 10779 10019, 11909, 11929, 10185, 10282, 11905 10039, 11928, 1077 10030, 10813 10833, 10840 10030, 10161, 10003 10817 10264 10877 10268 10154, 10159 10033 10166, 10053, 10779, 10809, 10683 10186, 10853, 10779, 10809, 10683 10186, 10853, 10779, 10809, 10683 10186, 10853, 10779, 10809, 10683 10186, 10853, 10779, 10809, 10683 10186, 10853, 10779, 10809, 10683
Dayu Devil Denon Dumont Devil Decreband De	10381 1009 10145, 10511 10017, 10019 10145, 10511 10017, 10019 10453, 10180, 10178, 10171, 11034, 10003 10774, 10720 10000, 10185 10381 10017, 11661 10154, 10236, 10463, 10180, 10178, 10171 10280, 10523, 10038, 11911, 11944, 10179 10019, 11909, 11929, 10195, 10282, 11905 10039, 11910, 11929, 10195, 10282, 11905 10030, 10161, 10003 10817 10264 10817 10266 10154, 10159 10183 10186, 10853, 10779, 10808, 10883 10180, 10171, 10264, 11994, 10179, 10342 10185, 10187, 10264, 11994, 10179, 10342 10180, 10171, 10264, 11994, 10179, 10342 10180, 10187, 10264
Dayu  Devil  Denon  EEE  Electroband	10381 11080 10145, 10511 10017, 10019 10145, 10511 10017, 10019 10453, 10180, 10178, 10171, 11034, 10003 10774, 10720 10073 10000, 10185 10381 10387 10015, 10236, 10463, 10180, 10178, 10177 10280, 10623, 10038, 11911, 11944, 10179 10019, 11906, 11929, 10185, 10282, 11905 10039, 11928, 10177 10030, 10813 10833, 10540 10633, 10641, 10603 10817 10264 10877 10236 10154, 10159 10083 10186, 10853, 10179, 10608, 10683 10186, 10177, 10264, 11904, 10179, 10342 10145, 10617, 10264
Dayu Devil Denon Dumont Devil Decreband De	10381 1009 10145, 10511 10017, 10019 10145, 10511 10017, 10019 10453, 10180, 10178, 10171, 11034, 10003 10774, 10720 10037 10000, 10185 10381 10017, 11661 10154, 10236, 10463, 10180, 10178, 10171 10280, 10623, 10038, 11911, 11944, 10179 10019, 11903, 11929, 10185, 10282, 11905 10030, 10813 10833, 10840 10030, 10161, 10003 10817 10264 10817 10264 10817 10266 10154, 10159 10033 10186, 10853, 10179, 10809, 10683 10186, 10171, 10264, 11904, 10179, 10342 10145, 10817, 10264 10160 101617 10264 10160 10171, 10264, 11904, 10179, 10342 10145, 10817, 10264, 11904, 10179, 10342 10145, 10817, 10264
Dayu  Devil  Denon  EEE  Electroband	10381 10100 10145, 10511 10017, 10018, 10171, 11034, 10003 10174, 10771, 10774, 10774, 10774, 10774, 10774, 10774, 10774, 10774, 10774, 10774, 10774, 10774, 10774, 10774, 10774, 10774, 10775, 10000, 10185, 10381 10017, 11661 10154, 10262, 10623, 10038, 11911, 11944, 10179 10019, 11908, 1077, 1088, 10777 10030, 10813, 10840, 10774, 1078, 10787,
Dayu  Devil  Denon  EEE  Electroband	10381 1009 10145, 10511 10017, 10019 10145, 10511 10017, 10019 10463, 10180, 10178, 10171, 11034, 10003 10774, 10720 10037 10000, 10185 10381 10017, 11661 10154, 10236, 10463, 10180, 10178, 10171 10280, 10623, 10038, 11911, 11944, 10179 10019, 11903, 11929, 10185, 10282, 11905 10038, 10813 10833, 10840 10030, 10813 10817 10264 10817 10264 10817 10264 10154, 10159 10033 10186, 10853, 10179, 10809, 10683 10186, 10873, 10179, 10609, 10683 10180, 10171, 10264, 11904, 10179, 10342 10145, 10817, 10264 10160 10171 10264 10160 10171 10264 10190 10191 10191 101
Dayu Devil Denon Demont Dumont Denon ERE ERE ERE ERE ERI ERI ERI ERI ERI ERI	10381 1009 10145, 10511 10017, 10019 10145, 10511 10017, 10019 10463, 10180, 10178, 10171, 11034, 10003 10774, 10720 10037 10000, 10185 10381 10017, 11661 10154, 10226, 10463, 10180, 10178, 10171 10280, 10523, 10038, 11911, 11944, 10179 10019, 11909, 11929, 10195, 10282, 11905 1038, 11913, 11924, 10195, 10282, 11905 1038, 11933, 10840 10030, 10161, 10003 10817 10264 10817 10264 10817 10264 10154, 10159 10166, 10653, 10179, 10809, 10683 10180, 10171, 10264, 11994, 10179, 10342 10180, 10171, 10264, 11994, 10179, 10342 10180, 10171, 10264, 11904, 10179, 10342 10180, 10171, 10264, 11904, 10179, 10342 10180, 10171, 10541, 11904, 10179, 10342 10180, 10171, 10541, 11904, 10179, 10342 10180, 10175, 10384, 11904, 10179, 10342 10180, 10175, 10384, 11904, 10179, 10342 10180, 10175, 10384, 11904, 10179, 10345, 10180 10817
Dayu Dayu Denon De	10381 11080 10145, 10511 10017, 10019 10145, 10511 10017, 10019 10463, 10180, 10178, 10171, 11034, 10003 10774, 10720 10073 10000, 10185 10381 10077, 11661 10154, 10236, 10463, 10180, 10178, 10177 10280, 10623, 10038, 11911, 11944, 10179 10019, 11900, 11929, 10185, 10282, 11905 10039, 11928, 10177 10030, 10813 10833, 10640 10030, 10161, 10003 10817 10264 10817 10266 10154, 10159 10033 10186, 10853, 10179, 10809, 10683 10180, 10171, 10264, 11904, 10179, 10342 10145, 10617, 10264 10180 10817 11756, 11755 11447, 10047, 11454, 10051, 10481, 10180 10037, 11977, 10182, 11047, 11919, 10055, 10027, 11997, 11922, 11997, 11922, 111947, 10021, 11997, 11922, 111947, 10021, 11997, 11922, 111947, 10021, 11997, 11922, 111947, 10021, 11997, 11922, 111966
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Rhapsody Rowa Rowa Rurco Rury Saige Sampo Samsung Sansung Sansux Sanjain Sanyu	10019, 11907, 11922, 10135, 11858, 11047, 11347, 10018, 11547, 10038, 11919, 10092, 11853   10154, 10180, 10030, 10178, 10056, 10019, 10039, 10185, 10032   10185   10748, 10037, 10817   10748, 10037, 10817   10817   10817   10817   10817   10817   10154, 10033, 10030, 10178, 10171, 10032, 10054, 10054, 10053, 10030, 10178, 10171, 10032, 10052, 10474, 11755, 10050, 10017, 10036, 10052, 10550, 10060, 10812, 10702, 10030, 10774, 10032, 10074, 10035, 10060, 10812, 10702, 10030, 10774, 10032, 10817, 10050, 10810, 1092, 10474, 10774, 10032, 10817, 10050, 10810, 1093, 10264, 10766, 10814, 11150, 10179   10399   10264   10463, 11904, 11929, 11911   10154, 10156, 10180, 10145, 10376, 10474, 1038, 10893, 11907, 10159, 10264, 10386, 10893, 11907, 10159, 10264, 10386, 10383, 11907, 10159, 10264, 10386, 10383, 11907, 10159, 10264, 10386, 1150

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Jildilulid	10817, 10264
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Shen Ying	10092, 10003, 10474, 10179
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Simpson	10187, 10186
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Soundesign	11925, 10080, 10834, 11904 10180, 10178, 10179, 10186
	10100, 10170, 10173, 10100 10100 10001 10000 10170 10000 10000
Sowa	10156, 10051, 10060, 10178, 10036, 10092,
	10474, 11150
Spectricon	10003
Squareview	10171
SSS	10180, 10019
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Supre-Macy	10046
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SVA	10748, 10587, 10865, 10872, 10768, 10871,
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Tera Thomas Tiane	10702, 10056 10030, 10466, 10474 11994 10093, 10817 10178, 10177, 10056 10017
Tera Thomas Tiane TMK TNCi	10702, 10056 10030, 10466, 10474 11994 10093, 10817 10178, 10177, 10056 10017
Tera Thomas Tiane TIMK TINCi Tobo	10702, 10056 10030, 10466, 10474 11904 10093, 10817 10778, 10177, 10056 10017 10748, 10264
Tera Thomas Tiane TMK TINCi Tobo Tongguang	10702, 10056 10030, 10456, 10474 11904 10093, 10817 10178, 10177, 10056 10017 10748, 10264
Tera Thomas Tiane TIMK TINCi Tobo	10702, 10056 10030, 10466, 10474 11904 10093, 10817 10178, 10177, 10056 10017 10748, 10264 10264 10264 10154, 11256, 10156, 10060, 10145, 11918,
Tera Thomas Tiane TMK TINCi Tobo Tongguang	10702, 10056 10030, 10466, 10474 11904 10093, 10817 10778, 10477, 10056 10017 10748, 10264 10754, 11256, 10156, 10060, 10145, 11918, 11945, 10381, 10632, 10036, 17704, 11936,
Tera Thomas Tiane TMK TINCi Tobo Tongguang	10702, 10056 10030, 10466, 10474 17904 10093, 10817 10178, 10177, 10056 10017 10748, 10264 10264 10364, 11256, 10155, 10080, 10145, 11918, 11945, 10381, 10832, 10036, 11704, 11936, 10264, 10550, 11150, 11555, 11935, 10161
Tera Thomas Tiane TMK TINCi Tobo Tongguang	10702, 10056 10030, 10466, 10474 11904 10093, 10817 1078, 10177, 10056 10017 10746, 10264 10264 10154, 11256, 10156, 10060, 10145, 11918, 11945, 10381, 10882, 10036, 11704, 11936, 10264, 10550, 11150, 11556, 11935, 10161, 15059, 10945, 11356
Tera Thomas Tiane TMK TINCi Tobo Tongguang	10702, 10056 10030, 10466, 10474 17904 10093, 10817 10178, 10177, 10056 10017 10748, 10264 10264 10364, 11256, 10155, 10080, 10145, 11918, 11945, 10381, 10832, 10036, 11704, 11936, 10264, 10550, 11150, 11555, 11935, 10161
Tera Thomas Tiane Time TMK TNCi Tobo Tongguang Tushiba Tosonic	10702, 10056 10030, 10466, 10474 11904 10093, 10817 1078, 10177, 10056 10017 10746, 10264 10264 10154, 11256, 10156, 10060, 10145, 11918, 11945, 10381, 10882, 10036, 11704, 11936, 10264, 10550, 11150, 11556, 11935, 10161, 15059, 10945, 11356
Tera Thomas Tiane Time TMK TMG Tobo Toshiba  Tosonic Totevision	10702, 10056 10030, 10465, 10474 11904 10093, 10817 10198, 10177, 10056 10017 10748, 10264 10264 10264 1045, 10256, 10156, 10060, 10145, 11918, 11945, 10381, 10822, 10036, 11704, 11936, 10264, 10560, 11150, 11656, 11935, 10161, 10569, 10845, 11356
Tera Thomas Tiane Time Timk TINCI Tobo Tongguang Toshiba  Tosonic Totevision Trical	10702, 10056 10030, 10466, 10474 11904 10093, 10817 1078, 10177, 10056 10017 10748, 10254 10264 10754, 11256, 10156, 10060, 10145, 11918, 11945, 10381, 10832, 10036, 1704, 11936, 10264, 10850, 11150, 11656, 11935, 10161, 10593, 10451, 11356
Tera Thomas Tiane Tilane TMK TMIG Tobo Tongguang Tushiba  Tosniic Totevision Trical Tuntex	10702, 10056 10030, 10466, 10474 11904 11904 10033, 108177 10178, 10177, 10056 10017 10748, 10264 10264 10264 10264 10364, 17256, 10156, 10060, 10145, 11918, 11945, 10381, 10832, 10036, 11704, 11936, 10264, 10550, 11550, 11556, 11935, 10161, 1059, 10845, 11356
Tera Thomas Thomas Tiane TMK TMK TOD Topguang Toshiba  Tosonic Totevision Trical Tuntex TVS	10702, 10056 10030, 10466, 10474 11904 10093, 10817 1078, 10177, 10056 10017 10748, 10264 10264 10154, 11256, 10156, 10060, 10145, 11918, 11945, 10381, 10852, 11036, 11704, 11936, 10264, 1050, 11150, 11656, 11935, 10161, 10090, 10945, 11356 10195
Tera Thomas Tiane Tine Time Time Time Time Time Tobo Tobo Tobo Toshiba	10702, 10056 10030, 10466, 10474 11904 10093, 10817 10778, 10477, 10056 10017 10748, 10264 10754, 10264 10754, 10265, 10156, 10060, 10145, 11918, 11945, 10381, 10832, 10036, 11704, 11936, 10264, 10550, 11550, 11656, 11935, 10161, 10509, 10845, 11356 10185 10039 10157 10030, 10474, 10092 10463 10391
Tera Thomas Tiane Time TMK TMG Tobo Toshiba Toshiba  Tosonic Totevision Trical Tuntex TVS Ultra Universal	10702, 10056 10030, 10465, 10474 11904 10093, 10817 10078, 10077, 10056 10077 10748, 10264 10264 10264 10364, 14256, 10156, 10060, 10145, 11918, 11945, 10381, 10832, 10036, 11704, 11936, 10264, 10569, 1150, 1150, 11505, 11035, 10161, 10599, 10845, 11356 10185 10039 10157 10030, 10474, 10092
Tera Thomas Tiane Tine Tithic Tine Tobo Tobo Toshiba Toshiba Toshiba Toshiba Toshiba Toshiba Universal Universal	10702, 10056 10030, 10466, 10474 11904 10093, 10817 1078, 10777, 10056 10017 1078, 10777, 10056 10017 1078, 10254 10264 1054, 11256, 10156, 10060, 10145, 11918, 11945, 10381, 10832, 10036, 1704, 11936, 10264, 10509, 10845, 11356, 11955, 10161, 10509, 10845, 11356 10185 10039 10157 10030, 10474, 10092 10463 10391 10027 10027
Tera Thomas Tiane Time TMK TMG Tobo Toshiba Toshiba  Tosonic Totevision Trical Tuntex TVS Ultra Universal	10702, 10056 10030, 10465, 10474 11904 10093, 10817 10078, 10077, 10056 10077 10748, 10264 10264 10264 10364, 14256, 10156, 10060, 10145, 11918, 11945, 10381, 10832, 10036, 11704, 11936, 10264, 10569, 1150, 1150, 11505, 11035, 10161, 10599, 10845, 11356 10185 10039 10157 10030, 10474, 10092
Tera Thomas Tiane Tine Tithic Tine Tobo Tobo Toshiba Toshiba Toshiba Toshiba Toshiba Toshiba Universal Universal	10702, 10056 10030, 10466, 10474 11904 10093, 10817 1078, 10777, 10056 10017 1078, 10777, 10056 10017 1078, 10254 10264 1054, 11256, 10156, 10060, 10145, 11918, 11945, 10381, 10832, 10036, 1704, 11936, 10264, 10509, 10845, 11356, 11955, 10161, 10509, 10845, 11356 10185 10039 10157 10030, 10474, 10092 10463 10391 10027 10027
Tera Thomas Tiane Time Time Time Time Time Time Time Tim	10702, 10056 10030, 10466, 10474 11904 10033, 10817 1078, 10777, 10056 10017 10748, 10264 10264 10154, 11256, 10156, 10060, 10145, 11918, 11945, 10381, 10882, 10036, 11704, 11936, 10264, 10550, 11550, 11556, 11935, 10161, 10509, 10945, 11356 10195 10039 10157 10030, 10474, 10092 10463 10391 10027 11756, 10885, 10864 10030 10257, 10036, 10160, 10550, 10376, 10036, 10030, 100306, 100306, 100376, 10036, 100376, 10036, 100376, 10036, 100376, 10036, 100376, 10036, 100376, 10036, 100376, 10036, 100376, 10036, 100376, 10036, 10036, 100376, 10036, 100376, 100376, 10036,
Tera Thomas Tiane Think Tine TMK TMK TOLI Tobo Tobo Tobo Toshiba	10702, 10056 10030, 10466, 10474 11904 11904 10033, 108177 10178, 10177, 10056 10017 10748, 10264 10264 10264 10264 10264 10364, 17256, 10156, 10060, 10145, 11918, 11945, 10381, 10832, 10036, 11704, 11936, 10264, 10650, 11501, 11656, 11935, 10161, 10509, 10845, 11356 10165 10039 10157 10030, 10474, 10092 10463 10391 10027 17756, 10885, 10864 10030 10250, 10053, 10160, 10550, 10376, 10036, 10653
Tera Thomas Tiane Thinas Tiane TMK TMG Tobo Tobo Toshiba  Tosonic Toshiba  Tosonic Totevision Trical Tuntex TVS Ultra Universal VInc. Vicor Vidikron	10702, 10056 10030, 10465, 10474 11904 10093, 10817 10798, 10177, 10056 10017 10748, 10264 10264 10264 10364, 11256, 10156, 10060, 10145, 11918, 11945, 10381, 10832, 10036, 11704, 11936, 10264, 10550, 1150, 11656, 11935, 10161, 10509, 10845, 11356 10185 10185 10197 10030, 10474, 10092 10463 10391 10027 11756, 10885, 10864 10030 10250, 10053, 10160, 10650, 10376, 10036, 10653
Tera Thomas Tiane Thinas Tiane Title Time Time Time Time Tobo Tobo Tobo Tobo Tobo Tobo Tobo Tob	10702, 10056 10030, 10466, 10474 11904 10093, 10817 1078, 10777, 10056 10017 1078, 10777, 10056 10017 1078, 10254 10264 10164, 11256, 10156, 10060, 10145, 11918, 11945, 10381, 10832, 10036, 1704, 11936, 10264, 10509, 10845, 11056, 11935, 10161, 10509, 10845, 11356 10185 10039 10157 10030, 10474, 10092 10463 10391 10027 17756, 10885, 10864 10030 10259, 10053, 10160, 10550, 10376, 10036, 10653
Tera Thomas Tiane Think Thomas Tiane TMK TMG Tobo Tongguang Toshiba  Tosonic Totevision Trical Tuntex TVS Utra Universal Vinc. Vinc. Vinc. Victor Research Videron Vidtech	10702, 10056 10030, 10465, 10474 119104 10093, 10817 10178, 10177, 10056 10017 10748, 10264 10264 10264 10364, 14256, 10156, 10060, 10145, 11918, 11945, 10381, 10832, 10036, 11704, 11936, 10264, 10560, 1180, 11
Tera Thomas Tiane Think Titane Titik Titik Tobo Tobo Tobo Toshiba Tosh	10702, 10056 10030, 10466, 10474 11904 10033, 10817 1078, 10777, 10056 10017 1078, 10787, 10056 10017 10788, 10264 10264 10154, 11256, 10156, 10060, 10145, 11918, 11945, 10381, 10882, 10036, 11704, 11936, 10264, 10509, 11945, 11951, 11556, 11935, 10161, 10039 10157 10030, 10474, 10092 10463 10391 10027 11756, 10885, 10864 10030 10259, 10053, 10160, 10550, 10376, 10036, 10653 10054 10178, 10019, 10036
Tera Thomas Tiane Think Titane Titik Titik Tobo Tobo Tobo Toshiba Tosh	10702, 10056 10030, 10466, 10474 11904 10033, 10817 1078, 10777, 10056 10017 1078, 10787, 10056 10017 10788, 10264 10264 10154, 11256, 10156, 10060, 10145, 11918, 11945, 10381, 10882, 10036, 11704, 11936, 10264, 10509, 11945, 11951, 11556, 11935, 10161, 10039 10157 10030, 10474, 10092 10463 10391 10027 11756, 10885, 10864 10030 10259, 10053, 10160, 10550, 10376, 10036, 10653 10054 10178, 10019, 10036
Tera Thomas Tiane Think Thomas Tiane TMK TMG Tobo Tongguang Toshiba  Tosonic Totevision Trical Tuntex TVS Utra Universal Vinc. Vinc. Vinc. Victor Research Videron Vidtech	10702, 10056 10030, 10465, 10474 11904 11904 10033, 10817 10107, 10077, 10056 10017 10748, 10264 10264 10264 10264 10264 10364, 14256, 10156, 10060, 10145, 11918, 11945, 10381, 10882, 10036, 11704, 11936, 10264, 10550, 11150, 11656, 11935, 10161, 10599, 10845, 11356 10165 10165 101757 10030, 10474, 10092 10463 10391 10027 11756, 10885, 10864 10030 10250, 10053, 10160, 10550, 10376, 10036, 10654 10178, 10019, 10036
Tera Thomas Tiane Think Titane Titik Titik Tobo Tobo Tobo Toshiba Tosh	10702, 10056 10030, 10466, 10474 11904 10093, 10817 10798, 10177, 10056 10017 10748, 10264 10264 10754, 11256, 10756, 10060, 10145, 11918, 11945, 10381, 10832, 10036, 11704, 11936, 10264, 10550, 11055, 110508, 100645, 11356 10165 10165 10167 101757 10030, 10474, 10092 10463 10391 10277 11756, 10885, 10864 10030 10257, 10053, 107160, 10650, 10376, 10036, 10653 10054 10178, 10019, 10036 10654, 10030, 10778, 10020, 10080, 10165, 10054, 10030, 10778, 10030, 10778, 10030, 10654, 10030, 10778,
Tera Thomas Tiane Thomas Tiane TMK TNKG Tobo Tobo Tobo Toshiba	10702, 10056 10030, 10466, 10474 11904 11904 10033, 10817 10178, 10177, 10056 10017 10748, 10264 10264 10264 10264 10264 10364, 17256, 10156, 10060, 10145, 11918, 11945, 10381, 10822, 10036, 11704, 11936, 10264, 10550, 11550, 11556, 11935, 10161, 10503, 10845, 11356 10165 10039 10157 10030, 10474, 10092 10463 10391 10027 11756, 10885, 10864 10030 10250, 10053, 10160, 10550, 10376, 10036, 10554 1078, 10031, 10036, 10050, 10050, 10054 1078, 10031, 10036
Tera Thomas Tiane Thine Thomas Tiane Thic Thic Tobo Tobo Tosnic Tospguang Toshiba  Tosnic Totevision Tricial Tuntex TyS Ultra Universal Vinc: Vector Research Vicor Vidiron Videch Wewsonic Viding Warumaia	10702, 10056 10030, 10465, 10474 11904 10093, 10817 10178, 10177, 10056 10017 10748, 10264 10264 10264 10364, 14256, 10156, 10060, 10145, 11918, 11945, 10381, 10832, 10036, 11704, 11936, 10264, 10550, 1150, 11655, 11935, 10161, 10590, 10845, 11356 10185 10195 10030, 10474, 10092 10463 10391 10027 10756, 10885, 10864 10030 10250, 10053, 10160, 10550, 10376, 10036, 10651, 10078, 10019, 10036 10653 10054 10078, 10019, 10036 10654, 11030, 10778, 10020, 10080, 10165, 10046 10054, 10030, 10778, 10020, 10080, 10165, 10066, 10021, 10026, 10027, 10056, 10171, 10179, 10016, 10021, 10026, 10027, 10056, 10171, 10179, 10016, 10021, 10026, 10027, 10056, 10171, 10179, 10016, 10021, 10026, 10027, 10056, 10171, 10179, 10016, 10021, 10026, 10027, 10056, 10171, 10179, 10016, 10021, 10026
Tera Thomas Tiane Thomas Tiane Tible Tible Tobb Tobb Tobb Toshiba Tosh	10702, 10056 10030, 10466, 10474 11904 11904 11904 10033, 108177 10178, 10177, 10056 10017 10748, 10264 10264 10264 10264 10264 10364, 17256, 10156, 10060, 10145, 11918, 11945, 10381, 10832, 10036, 11704, 11936, 10264, 10550, 11550, 11556, 11935, 10161, 10599, 10845, 11356 10185 10039 10757 10030, 10474, 10092 10463 10391 10027 11755, 10885, 10864 10030 10250, 10053, 10160, 10650, 10376, 10036, 10654 1078, 10019, 10036 10857, 11755, 10885, 10864 10046 10054, 10030, 10178, 10020, 10080, 10185, 10064, 10021, 10036, 10078, 10036, 10065, 10078, 10036, 10065, 10078, 10036, 10078, 10036, 10078, 10036, 10078, 10036, 10078, 10036, 10018, 10026, 10018, 10027, 10036, 100178, 10020, 10086, 100119, 10029, 10036, 10021, 10036, 100171, 10019, 100391 100591
Tera Thomas Tiane Thomas Tiane Tible Tible Tobb Tobb Tobb Toshiba Tosh	10702, 10056 10030, 10465, 10474 11904 10093, 10817 10178, 10177, 10056 10017 10748, 10264 10264 10264 10364, 14256, 10156, 10060, 10145, 11918, 11945, 10381, 10832, 10036, 11704, 11936, 10264, 10550, 1150, 11655, 11935, 10161, 10590, 10845, 11356 10185 10195 10030, 10474, 10092 10463 10391 10027 10756, 10885, 10864 10030 10250, 10053, 10160, 10550, 10376, 10036, 10651, 10078, 10019, 10036 10653 10054 10078, 10019, 10036 10654, 11030, 10778, 10020, 10080, 10165, 10046 10054, 10030, 10778, 10020, 10080, 10165, 10066, 10021, 10026, 10027, 10056, 10171, 10179, 10016, 10021, 10026, 10027, 10056, 10171, 10179, 10016, 10021, 10026, 10027, 10056, 10171, 10179, 10016, 10021, 10026, 10027, 10056, 10171, 10179, 10016, 10021, 10026, 10027, 10056, 10171, 10179, 10016, 10021, 10026
Tera Thomas Tiane Thinas Tiane Timic Timic Tong Tong Tongguang Toshiba  Tossnic Totevision Trical Tontee Tivic Ultra Universal Vinc. Vicor Vider Vicor Vider	10702, 10056 10030, 10466, 10474 11904 10033, 10817 10078, 10077, 10056 10017 10748, 10264 10264 10264 10264 10264 10364, 14256, 10156, 10060, 10145, 11918, 11945, 10381, 10822, 10036, 11704, 11936, 10264, 10650, 11150, 11656, 11935, 10161, 10699, 10845, 11356 10185 10197 101
Tera Thomas Tiane Thinas Tiane Thic Thic Tobo Tobo Toshiba  Toshib	10702, 10056 10030, 10466, 10474 11904 10033, 10817 10708, 10177, 10056 10017 10748, 10274 10284 10284 10154, 11256, 10156, 10060, 10145, 11918, 11945, 10381, 10882, 10036, 11704, 11936, 10264 10154, 11256, 10156, 1050, 10155, 10151, 10508, 10645, 11356, 10950, 110508, 10645, 11356 10165 10030 10157 10030, 10474, 10092 10463 10391 10027 11756, 10885, 10864 10030 10250, 10033, 10150, 10550, 10376, 10036, 10653 10054 10178, 10019, 10027, 10056, 10111, 10178, 10019, 10036 10654 10078, 10019, 10036 10654, 10030, 10178, 10020, 10080, 10155, 10666, 10019, 10027, 10056, 10018, 10036 10654, 10030, 10178, 10020, 10080, 10155, 10666, 10019, 10027, 10056, 10018, 10021, 10096 10554, 10030, 10178, 10020, 10080, 10155, 10666, 10019, 10027, 10096, 10111, 10179, 10016, 10021, 10096 10561 10689
Tera Thomas Tiane Thomas Tiane Timk Tithic Tobo Tobo Tobo Toshiba	10702, 10046, 10474 11904 10033, 10817 11904 10033, 10817 10107, 10177, 10056 10017 10748, 10264 10264 10264 10264 10264 10264, 1056, 10156, 10060, 10145, 11918, 11945, 10381, 10882, 10036, 11704, 11936, 10264, 10650, 11150, 11656, 11935, 10161, 10699, 10845, 11356 10165 10165 101757 10030, 10474, 10092 10463 10391 10027 17756, 10885, 10864 10030 10250, 10053, 10150, 10550, 10376, 10036, 10554 10778, 10079, 10078, 10079, 10078, 10078, 100784 10778, 10079, 10078, 10079, 10078, 100786, 100784 10778, 10079, 10078, 10079, 100786, 10179, 100786, 100798, 100786, 100798, 100786, 100798, 100786, 100798, 100786, 100798, 100786, 100798, 1007888, 100788, 100788, 100788, 100788, 100788, 100788, 100788, 100788, 100788, 100788, 100788, 100788, 100788, 100788, 100788, 1007888, 100788, 100788, 1007888, 1007888, 1007888, 1007888, 100788
Tera Thomas Tiane Thinas Tiane Thic Thic Tobu Tobu Tosonic Totevision Trical Turtex Tivis Universal Universal Universal Vinc Vicor Vidiron Vidrech Viewsonic Videxh Viewsh Weavanic Wiewsh Weven Wetwinghouse White Westinghouse White Westinghouse Walnay Wang	10702, 10056 10030, 10465, 10474 11904 10093, 10817 10078, 10077, 10056 10017 10748, 10264 10264 10264 10364, 147266, 10756, 10060, 10145, 11918, 11945, 10381, 10832, 10036, 11704, 11936, 10264, 10550, 11055, 11050, 10656, 11935, 10161, 10509, 10845, 11356 10195 10030, 10474, 10092 10463 10391 10027 10756, 10885, 10864 10030 10250, 10053, 10160, 10650, 10376, 10036, 10651 10030 10250, 10013, 10160, 10650, 10376, 10036, 10651 10054 10030 10254, 10030, 10778, 10020, 10080, 10165, 10046 10054, 10030, 10778, 10020, 10080, 10165, 10966, 10017, 10021, 10095 10391 1056
Tera Thomas Tiane Thomas Tiane Timk Tithic Tobo Tobo Tobo Toshiba	10702, 10046, 10474 11904 10033, 10817 11904 10033, 10817 10107, 10177, 10056 10017 10748, 10264 10264 10264 10264 10264 10264, 1056, 10156, 10060, 10145, 11918, 11945, 10381, 10882, 10036, 11704, 11936, 10264, 10650, 11150, 11656, 11935, 10161, 10699, 10845, 11356 10165 10165 101757 10030, 10474, 10092 10463 10391 10027 17756, 10885, 10864 10030 10250, 10053, 10150, 10550, 10376, 10036, 10554 10778, 10079, 10078, 10079, 10078, 10078, 100784 10778, 10079, 10078, 10079, 10078, 100786, 100784 10778, 10079, 10078, 10079, 100786, 10179, 100786, 100798, 100786, 100798, 100786, 100798, 100786, 100798, 100786, 100798, 100786, 100798, 1007888, 100788, 100788, 100788, 100788, 100788, 100788, 100788, 100788, 100788, 100788, 100788, 100788, 100788, 100788, 100788, 1007888, 100788, 100788, 1007888, 1007888, 1007888, 1007888, 100788

Xuelian	11910
Yamaha	10030, 10838, 10019, 10833, 10769, 10839
Yapshe	10250
Yongbao	11910
Youlanasi	10817
Yousida	11910
Zenith	10017, 10463, 10178, 11911, 10016, 11909,
	10092, 11904, 11929
Zonda	10003
Setup Codes for VCRs	
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ABS	21972
Admiral	20048, 20209
Adventura	20000
Aiko	20278
Aiwa	20037, 20000, 20307, 20468, 20124, 20406
	20348, 20479
Akai	20041, 20061, 20175, 20106
Alienware	21972
America Action	20278
American High	20035
Amaisonic	20479
Anam	20162, 20037, 20240, 20278, 20226, 21037
Anam National	20162, 20226
Asha	20240
Audiovox	20037, 20278
Beaumark	20240
Bell & Howell	20104
Blaupunkt	20226
Broksonic	20184, 20121, 20209, 20002, 20348, 20295
	21479, 20479
Calix	20037
Canon	20035, 21174, 20167
Carver	20081
CCE	20072, 20278
Chanhong	20072, 20278 20048, 20081
Citizen	20037, 20278, 21278
Colt	20072
Craig	20037, 20047, 20240, 20072, 20271
Curtis Mathes	20037, 20047, 20240, 20072, 20271 20060, 20035, 20162, 20041, 20760, 21035
Cybernex	20240
CyberPower	21972
Daewoo	20045, 20104, 20278, 20210, 20368, 21278
	20637, 20046, 20212, 20561
Dell	21972
Denon	20042
Direct TV	20739, 21989, 21954, 21949
Dish Network System	21943, 21946, 21945, 21944
Dishpro	21944, 21943
Durabrand	20039, 20038
Dynatech	20000
Echostar	21943, 21946, 21945, 21944
Electrohome	20037
	20037
Electrophonic	
Electrophonic Emerex	20032
Emerex	20035, 20037, 20184, 20240, 20045, 20000
Emerex	20035, 20037, 20184, 20240, 20045, 20000 20121, 20043, 20209, 20002, 20278, 20295 20036, 20637, 21593, 20561, 21479, 20068,
Emerex	20035, 20037, 20184, 20240, 20045, 20000 20121, 20043, 20209, 20002, 20278, 20295
Emerex	20035, 20037, 20184, 20240, 20045, 20000 20121, 20043, 20209, 20002, 20278, 20295 20036, 20637, 21593, 20561, 21479, 20068,
Emerex Emerson	20035, 20037, 20184, 20240, 20045, 20005 20121, 20043, 20209, 20002, 20278, 20295 20036, 20637, 21593, 20561, 21479, 20068, 20208, 20479, 21278, 20061, 20212 21962 21944
Emerex Emerson	20035, 20037, 20184, 20240, 20045, 20000 20121, 20043, 20209, 20002, 20278, 20225 20036, 20537, 21539, 20561, 12479, 20068, 20208, 20479, 21278, 20061, 20212 21962 21944 20047, 20104, 20066, 20054
Emerex Emerson  Eurol Expressvu Fisher Fuji	20035, 20037, 20194, 20240, 20045, 20000 20121, 20043, 20209, 20002, 20278, 20295 20036, 20537, 21593, 20561, 21479, 20068, 20208, 20479, 21278, 20061, 20212 21962 21944 20047, 20104, 20066, 20054 20035, 20033
Emerex Emerson  Eurol Expressivu Fisher	20035, 20037, 20194, 20240, 20045, 20000 20121, 20043, 20209, 20002, 20278, 20295 20036, 20637, 21593, 20551, 21479, 20068, 20208, 20479, 21278, 20061, 20212 21962 21944 20047, 20104, 20066, 20054 20035, 20033 20045, 20052, 20366
Emerex Emerson  Eurol Expressyu Fisher Fuji Fujitsu Funai	20035, 20037, 20194, 20240, 20145, 20100 20121, 20044, 20209, 20002, 20278, 20295 20036, 20637, 21593, 20561, 21479, 20068, 20208, 20479, 21278, 20061, 20212 21942 20147, 20104, 20066, 20054 20035, 20033 20045, 20052, 20366 20000, 2059, 21593
Emerex Emerson  Eurol Expressou Fester Fuji Fujitus Funai Garrard	20035, 20037, 20184, 20240, 20045, 20000 20121, 20043, 20209, 20002, 20278, 20295 20036, 20537, 21593, 20551, 21479, 20068, 20208, 20479, 21278, 20061, 20212 21962 21944 20047, 20104, 20066, 20054 20035, 20033 20045, 20052, 20366 20000, 20593, 21593
Emerex Emerson  Eurol Expressvu Pesher Fuji Funisu Funai Garrard Gateway	20035, 20037, 201944, 20240, 201045, 201000 20121, 200404 202009, 20002, 20279, 20259 20036, 20637, 21593, 20561, 21479, 201068, 202018, 20479, 21278, 201061, 20212 21942 20147, 20104, 201066, 20054 20035, 20103 20045, 20052, 20366 201000, 20593, 21593 200000 21972
Emerex Emerson  Eurol Expressou Fester Fuji Fujitus Funai Garrard	20035, 20037, 201944, 20240, 201045, 201000 20121, 200404 202009, 20002, 20279, 20259 20036, 20637, 21593, 20561, 21479, 201068, 202018, 20479, 21278, 201061, 20212 21942 20147, 20104, 201066, 20054 20035, 20103 20045, 20052, 20366 201000, 20593, 21593 200000 21972
Emerex Emerson  Eurol Expressvu Pesher Fuji Funisu Funai Garrard Gateway	20035, 20037, 20184, 20240, 201045, 201001 20121, 20043, 202083, 20002, 20278, 20259 20036, 20637, 21593, 20561, 21479, 20068, 202018, 20479, 21278, 20061, 20212 21942 20047, 20104, 20066, 20054 20035, 20033 20045, 20052, 20366 20000, 20593, 21593 20000 21972 20060, 20035, 20240, 21060, 20202, 20760 21035, 20003, 20240, 21060, 20202, 20760
Emerex Emerson  Eurol Expressvu Pesher Fuji Funisu Funai Garrard Gateway	20035, 20037, 20184, 20240, 20045, 20000, 20121, 20043, 20209, 20002, 20278, 20295, 20295, 20295, 20295, 20295, 20295, 20295, 20295, 20295, 20295, 20295, 20208, 20479, 21278, 20061, 20212, 21982, 20294, 20164, 20054, 20054, 20054, 20054, 20054, 20055, 20033, 20045, 20052, 20366, 20054, 20059, 21593, 20000, 20599, 21593, 20000, 20597, 20560, 20052, 20560, 20054, 20056, 20054, 20056, 20054, 20056, 20
Emerex Emerson  Eurol Expressou Fisher Fuji Fujisu Funai Garrard Gateway GE General Go Video	2005, 2003, 20184, 20240, 20045, 20000 20121, 20043, 20209, 20002, 20278, 20295 20036, 20537, 21593, 20561, 21479, 20068, 20208, 20479, 21278, 20061, 20212 21952 21944 20047, 20104, 20066, 20054 20035, 20033 20045, 20052, 20366 20000, 20593, 21593 20000, 20593, 21593 20000, 20035, 20240, 21060, 20202, 20760 21972 20060, 20035, 20240, 21060, 20202, 20760 21055, 20067, 20226, 20761 20045, 20366, 20252
Emerex Emerson  Eurol Expressou Feber Fuji Fujisu Funai Garrard Gateway GE General Go Video GOI	20035, 20037, 20184, 20240, 20145, 20100 20121, 200404, 20209, 20002, 20278, 20259 20036, 20637, 21593, 20561, 21479, 20068, 20208, 20479, 21278, 20061, 20212 21942 20147, 20104, 20066, 20054 20035, 20033 20045, 20052, 20366 20000, 20593, 21593 20000 21972 20060, 20035, 20240, 21060, 20202, 20760 21035, 20007, 20226, 20761 2005, 20366, 20052 20643, 20526, 20432 20543, 20526, 20432
Emerex Emerson  Eurol Expressou Fisher Figii Fujitsu Funai Garrard Gateway GE GE General Go Video GUI GodStar	20035, 20037, 20184, 20240, 20145, 20100 20121, 200404, 20209, 20002, 20278, 20259 20036, 20637, 21593, 20561, 21479, 20068, 20208, 20479, 21278, 20061, 20212 21942 20147, 20104, 20066, 20054 20035, 20033 20045, 20052, 20366 20000, 20593, 21593 20000 21972 20060, 20035, 20240, 21060, 20202, 20760 21035, 20007, 20226, 20761 2005, 20366, 20052 20643, 20526, 20432 20543, 20526, 20432
Emerex Emerson  Eurol Expressou Feber Fuji Fujisu Funai Garrard Gateway GE General Go Video GOI	20035, 20037, 20184, 20240, 201045, 20100 20121, 20043 (2008), 20002, 20278, 20259 20036, 20637, 21593, 20561, 21479, 20068, 202018, 20479, 21278, 20061, 20212 21944 20047, 20104, 20066, 20054 20035, 20033 20045, 20052, 20366 20000, 20593, 21593 20000 21972 20060, 20055, 20240, 21060, 20202, 20760 21035, 20007, 20226, 20761 20045, 20366, 20052 2043, 20526, 20432 21844 20037, 20209, 20038, 20226, 20225, 21237, 20000
Emerex Emerson  Eurol Expressou Foher Fulj Fulj Fulj Eurol Sarrard Garrard Garrard Ger GE Ge Ge Ge Ge Ge Go	20035, 20037, 20184, 20240, 20045, 20000, 20121, 20043, 20209, 20002, 20278, 20295, 20
Emerex Emerson  Eurol Expressou Fabier Fuji Fujisu Funai Garrard Gateway GE General Go Video GOI GoldStar Gradente	20035, 20037, 20184, 20240, 201045, 20100 20121, 20043 (2008), 20002, 20278, 20259 20036, 20637, 21593, 20561, 21479, 20068, 202018, 20479, 21278, 20061, 20212 21944 20047, 20104, 20066, 20054 20035, 20033 20045, 20052, 20366 20000, 20593, 21593 20000 21972 20060, 20055, 20240, 21060, 20202, 20760 21035, 20007, 20226, 20761 20045, 20366, 20052 2043, 20526, 20432 21844 20037, 20209, 20038, 20226, 20225, 21237, 20000
Emerex Emerson  Eurol Expressou Foher Fulj Fulj Fulj Eurol Sarrard Garrard Garrard Ger GE Ge Ge Ge Ge Ge Go	20035, 20037, 20184, 20240, 20145, 20100 20121, 20041, 20209, 20002, 20278, 20295 20036, 20637, 21593, 20561, 21479, 20068, 20208, 20479, 21278, 20061, 20212 21942 20147, 20104, 20066, 20054 20035, 20033 20045, 20052, 20366 20000, 20593, 21593 20000 21972 20050, 20355, 20240, 21060, 20202, 20760 21035, 20867, 20226, 20761 20045, 20568, 20052 20643, 20568, 20432 21944 20037, 20209, 20038, 20226, 20225, 21237 20000 20240 20000
Emerex Emerson  Eurol Expressou Peher Fuji Fujis Garrard Gateway GE General Go Video GUI Gold/Star Gradente Haoije Hartey Davidson Harman/Kardon	20035, 20037, 20184, 20240, 201045, 201005 20121, 20043, 20049, 20020, 20278, 20259 20036, 20637, 21593, 20561, 21479, 20068, 20208, 20208, 20479, 21278, 20061, 20212 21594 20047, 20104, 20066, 20054 20035, 20033 20045, 20035, 20366 20000, 20593, 21593 20000 215972 20060, 20035, 20240, 21060, 20202, 20760 21035, 20003, 20226, 20761 20045, 20368, 20052 20643, 20568, 2040, 21060, 20202, 20760 2045, 20368, 20052 20643, 20568, 20761 20045, 20368, 20268, 20268, 20225, 21237 20000 20240 202000 20201, 20038 20072, 20068
Emerex Emerson  Eurol Expressou Facher Fuji Fuji Fujisu Funai Garard Gateway GE General Go Video GO GO God/Star Gradente Haoije Hartley Davidson Harman/Kardon Harman/Kardon	20035, 20037, 20184, 20240, 201045, 201005 20121, 20043, 20049, 20020, 20278, 20259 20036, 20637, 21593, 20561, 21479, 20068, 20208, 20208, 20479, 21278, 20061, 20212 21594 20047, 20104, 20066, 20054 20035, 20033 20045, 20035, 20366 20000, 20593, 21593 20000 215972 20060, 20035, 20240, 21060, 20202, 20760 21035, 20003, 20226, 20761 20045, 20368, 20052 20643, 20568, 2040, 21060, 20202, 20760 2045, 20368, 20052 20643, 20568, 20761 20045, 20368, 20268, 20268, 20225, 21237 20000 20240 202000 20201, 20038 20072, 20068
Emerex Emerson  Eurol Expressou Feher Fuji Fujisu Funai Garrard Gateway GE General Go Video GOI God/Star Gradente Haoije Hariay Davidson Harman/Kardon Harwan/Kardon Harwan/Eardon	2003, 2003, 20184, 20240, 20165, 20005 20121, 20043, 20209, 20002, 20278, 20259 20036, 20637, 21593, 20561, 21479, 20068, 20208, 20479, 21278, 20061, 20212 21942 20047, 20104, 20066, 20054 20035, 20033 20045, 20052, 20366 20000, 20593, 21593 20000 21972 20060, 20035, 20240, 21060, 20202, 20760 21035, 20007, 20226, 20761 20045, 20366, 20052 21643, 20565, 20432 21644 20037, 20209, 20038, 20226, 20225, 21237 20000 20240 20000 20240 20000
Emerex Emerson  Eurol Expressou Fisher Figii Fujitsu Funai Garrard Gateway GE GE Ge General Golfblar Gradente Habije Haripy Ravidson Harman/Kardon Harman/Kardon Harwood Hauppauge	20035, 20037, 20184, 20240, 20045, 20000, 20121, 20043, 20209, 20002, 20278, 20295, 20
Emerex Emerson  Eurol Expressou Faher Fuji Fujisu Funai Garrard Gateway GE General Go Video GOI GoldStar Gradente Haojie Harwood Harwan/Kardon Harwood Hauppauge Headquarter	20035, 20037, 20184, 20240, 201045, 201005 20121, 20043, 20049, 20020, 202078, 20259 20036, 20637, 21593, 20561, 21479, 20068, 202018, 20479, 21278, 20061, 20212 21962 21944 20047, 20104, 20066, 20054 20035, 20033 20045, 20052, 20366 20000, 20593, 21593 20000 21972 20060, 20035, 20240, 21060, 20202, 20760, 21035, 20005, 20226, 20256 20045, 20365, 20052 2043, 20526, 20432 21944 20037, 20208, 20238, 20226, 20225, 21237, 20000 20240 20000 20240 20000 20001
Emerex Emerson  Eurol Expressou Foher Fulj Fulj Fulj Eurol Sarard Garard Habel Ge Ge Ge Ge Gold Gold Gold Gold Gold Gold Gold Gold	20035, 20037, 20184, 20240, 20145, 201005, 20121, 20043, 20098, 20278, 20295, 20036, 20537, 21593, 20561, 21479, 20068, 20208, 20479, 21278, 20061, 20212, 21982, 21984, 20145, 20145, 20145, 20145, 20145, 20145, 20156, 20154, 20155, 20133, 20145, 20152, 20156, 20154, 20155, 20153, 20159, 21593, 20000, 21593, 21593, 20000, 21593, 20156, 2
Emerex Emerson  Eurol Expressou Faher Fuji Fujisu Funai Garrard Gateway GE General Go Video GOI GoldStar Gradente Haojie Harwood Harwan/Kardon Harwood Hauppauge Headquarter	2005, 2003, 20184, 20240, 20165, 20007 20121, 20043, 20098, 20008, 20278, 20259 20036, 20637, 21593, 20561, 21479, 20068, 20208, 20479, 21278, 20061, 20212 21592 21594 20047, 20104, 20066, 20054 20035, 20033 20045, 20052, 20366 20000, 205593, 21593 20000 215972 20060, 20035, 20240, 21060, 20202, 20760 21035, 20003, 20226, 20761 20045, 20366, 20052 21594 20045, 20366, 20052 21594 20037, 20209, 20038, 20226, 20225, 21237 20000 20240 202000 20201, 20038 20072, 20068 21592 21594 220040 20240 202000 20201, 20038 20072, 20068 21592 20047 20047 20047 20047 20047 20047 20047, 20000, 20042, 20041, 20166, 20105 20177 20047 20037, 20000, 20042, 20041, 20166, 20105 20177 20007 20047 20037, 20000, 20042, 20041, 20166, 20105 20177 20037, 20000, 20042, 20041, 20166, 20105 20177 20037, 20000, 20042, 20041, 20166, 20105 2007 20037, 20000, 20042, 20041, 20166, 20105 2007 20037, 20000, 20042, 20041, 20166, 20105 2007 20037, 20000, 20042, 20041, 20166, 20105 2007 20037, 20000, 20042, 20041, 20166, 20105 2007 20037, 20000, 20042, 20041, 20166, 20105 2007
Emerex Emerson  Eurol Expressou Faher Fulj Fulj Fulj Eurol Garrard Halpi Eurol Garrard Garrard Halpi Halpi Harley (Davdson Harvanod Harwood Hauppauge Headquarter Headquarter Headent Hitachi	20035, 20037, 20184, 20240, 20165, 201005 20121, 20042, 20094, 20092, 20028, 20259, 20259 20036, 20637, 21593, 20561, 21479, 20068, 20208, 202
Emerex Emerson  Eurol Expressou Facher Fuji Folistu Funai Garard Gateway GE General Go Video GOI God/Star Gradente Haoije Hartey Davidson Harman/Kardon Harm	20055, 20037, 20184, 20240, 201045, 201005 20121, 20043, 20049, 200402, 20278, 20255 20036, 20657, 21593, 20561, 21479, 20066, 20208, 20208, 20479, 21278, 20061, 20212 21582 21584 20047, 20104, 20066, 20054 20035, 20033 20045, 20052, 20366 20000, 20593, 21593 20000 215972 20060, 20035, 20240, 21060, 20202, 20760 21935, 20007, 20226, 20761 20045, 20366, 20052 20643, 20566, 20052 20543, 20566, 20052 20543, 20566, 20052 20543, 20566, 20052 20543, 20566, 20052 20541, 20068 20092, 20068, 20266, 20275, 21237 20000 20081, 20038 20072, 20068 21992 20046 219972 20047 20037, 20000, 20042, 20041, 20166, 20105, 20068 219972 20047 20009, 200042, 20041, 20166, 20105, 20068 219972 20069 219972 20067
Emerex Emerson  Eurol Expressou Fabier Fuji Fujisu Funai Garard Gateway GE Goneral GooldStar Gradente Haojie Harwood Harwood Harwood Harwood Harwood Hierol	20035, 20037, 20184, 20240, 20165, 20005 20121, 20043, 20098, 20002, 20278, 20259 20036, 20637, 21593, 20661, 21479, 20068, 2020
Emerex Emerson  Eurol Expressou Fisher Figii Fujitsu Funai Garard Gateway GE GE General GolVideo GOI GodOStar Gradente Haojie Harley Davidson Harman/Kardon Harman/Kardon Hawand Haupaage Hewlett Packard HH-O Hitachi Howard Computers HP HO HIS	20035, 20037, 20184, 20240, 20165, 20000. 20121, 20043, 20209, 20002, 20278, 20259 20036, 20537, 27533, 20561, 21479, 20068, 20208, 20479, 27278, 20061, 20212 21942 20047, 20104, 20066, 20054 20035, 20033 20045, 20052, 203666 20000, 20599, 21593 20000 21972 20060, 20035, 20240, 21060, 20202, 20760, 2035, 20240, 21060, 20202, 20760, 20203, 20200, 20203, 20200, 20203, 20200, 20203, 20200, 20203, 20200, 20203, 20200, 20203, 20200, 20203, 20200, 20203, 20200, 20203, 20200, 20203, 20200, 20203, 20200, 20203, 20200, 20203, 20200, 20203, 20200, 20203, 20200, 20203, 20200, 20203, 20200, 20203, 2020
Emerex Emerson  Eurol Expressou Faber Fuji Expressou Faber Fujisu Funai Garard Gateway GE General Go Video GU GodiStar Gradiente Haoije Hariey Davidson Harman/Kardon Harwood Hauppauge Headquarter Hewlett Packard HH-O Hitachi Howard Computers HP HIS HIS HIS Highes Network Systems	20035, 20037, 20194, 20240, 201045, 20000 20121, 20043, 20049, 20102, 20279, 20259 20036, 20637, 21593, 20561, 21479, 20068, 20208, 202
Emerex Emerson  Eurol Expressou Fisher Figii Fujitsu Funai Garard Gateway GE GE General GolVideo GOI GodOStar Gradente Haojie Harley Davidson Harman/Kardon Harman/Kardon Hawand Haupaage Hewlett Packard HH-O Hitachi Howard Computers HP HO HIS	20035, 20037, 20194, 20240, 201045, 20000 20121, 20043, 20209, 20002, 20278, 20295 20036, 20637, 21533, 20561, 21479, 20068, 20208, 20479, 21278, 20061, 20212 21942 20047, 20104, 20066, 20054 20035, 20033 20045, 20052, 20366 20000, 20599, 21593 20000 21972 20060, 20035, 20240, 21060, 20202, 20760 21935, 20607, 20226, 20761 20045, 20556, 20052 20643, 20526, 20432 21944 20037, 20209, 20038, 20226, 20225, 21237 20000 20201, 20038 20072, 20068 21982 20046 21972 20046 21972 20046 21972 20046 21972 20046 21972 20047 20037, 20000, 20042, 20041, 20166, 20105, 20099 21972 21974

JVC	20045, 20067, 20041, 21945, 20008, 21944, 20384, 20366
KEC	20037, 20278
Kenwood	20067, 20041, 20038, 20384
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Kodak	20035, 20037
Kolin	20043, 20041
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Lb	20037, 20045, 20042, 20209, 20038, 22010
	21037, 20040
Lloyd's	20000, 20208
Logik	20072
LXI	20037
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Magnavox	20035, 20039, 20081, 20000, 20593, 20563
	20110, 21781
Magnin	20240
Marantz	20035, 20081, 21381
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Matsushita	20035, 20162, 20226, 21162, 20367, 20227 21972
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MEI	20035
Memorex	20035, 20162, 20037, 20048, 20039, 20047,
	20240, 20000, 20104, 20209, 21237, 20046
	20479, 21162, 20348, 21048, 21262, 20307,
	21037
MCV	
MGA	20240, 20043, 20061
MGN Technology	20240
Microsoft	21972
Mind	21972
Minolta	20042, 20105
Mitsubishi	20067, 20043, 20041, 20061, 20807, 20173
Motorola	20035, 20048
MTC	20240, 20000
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CyberPower	01272
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HP IBUYPOWER	01272
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Keyspan	01344
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TeleCaption	00171	
Toshiba	01272	
Touch	01272	
Viewsonic	01272, 01329	
7T Groun	N1272	

#### Care

- Keep the remote dry. If it gets wet, wipe it dry immediately.
- Use and store the unit only in normal temperature environments
- Handle the remote gently and carefully. Don't drop it.
- Wipe the remote with a damp cloth to keep it looking like new.
   Modifying or tampering with the internal parts can cause damage and invalidate the warranty. If your remote is not performing as it should, please contact us at: www.breatheaudio.com.

# Specifications

Power [2] AAA
Size [H\*W\*0] 8.43\*2.09\*1.1 in [214\*53\*28 mm]
Weight (w/o batteries) 4 uz [113.4 g]
Specifications are typical; individual units may vary. Specifications are subject to change and improvement without any notice.

#### FCC Notice

This equipment has been tested and found to comply with the limits for a class B digital device, pursaint to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful inference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.
  This equipment has been verified to comply with the limits for a class B compuling device, pursaunt to FCQ Rules. In order to maintain compliance with FCC regulations, shielded cables must be used with this equipment. Operation with non-approved equipment or unshielded cables is likely to result in interference to radio and TV reception. The user is cautioned that changes and modifications made to the equipment without the approval of manufacturer could void the user's authority to operate this equipment.

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